

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110291.D
 Acq On : 30 Oct 2018 4:30
 Operator : JU/SJ
 Sample : J5696-03MSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 08:51:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	112788	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	432876	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	179084	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	276036	20.00	ng	0.00
76) Chrysene-d12	14.17	240	169870	20.00	ng	0.01
87) Perylene-d12	15.70	264	128439	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	921316	133.02	ng	0.02
7) Phenol-d6	6.61	99	1137349	128.38	ng	0.02
23) Nitrobenzene-d5	7.55	82	704656	96.55	ng	0.01
42) 2,4,6-Tribromophenol	10.82	330	190956	107.64	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	975730	85.55	ng	0.00
79) Terphenyl-d14	13.10	244	603966	73.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	104271	28.735	ng	89
3) Pyridine	3.67	79	309634	38.310	ng	# 84
4) n-Nitrosodimethylamine	3.63	42	161953	47.828	ng	91
6) Aniline	6.65	93	91858	7.960	ng	# 57
8) 2-Chlorophenol	6.76	128	341278	42.739	ng	97
9) Benzaldehyde	6.53	77	155987	27.790	ng	93
10) Phenol	6.63	94	533753	56.365	ng	# 63
11) bis(2-Chloroethyl)ether	6.71	93	368190	47.259	ng	97
12) 1,3-Dichlorobenzene	6.92	146	359489	40.909	ng	98
13) 1,4-Dichlorobenzene	6.99	146	362912	40.834	ng	97
14) 1,2-Dichlorobenzene	7.15	146	339297	41.125	ng	100
15) Benzyl Alcohol	7.12	79	289802	42.533	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.25	45	488139	39.187	ng	70
17) 2-Methylphenol	7.23	107	526110	82.671	ng	# 82
18) Hexachloroethane	7.48	117	103837	31.912	ng	93
19) n-Nitroso-di-n-propylamine	7.39	70	229202	40.328	ng	95
20) 3+4-Methylphenols	7.38	107	604563	73.494	ng	91
22) Acetophenone	7.39	105	463196	46.438	ng	98
24) Nitrobenzene	7.56	77	336716	44.688	ng	92
25) Isophorone	7.81	82	628519	50.522	ng	95
26) 2-Nitrophenol	7.87	139	140557	39.201	ng	90
27) 2,4-Dimethylphenol	7.92	122	932338	156.836	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	404889	47.909	ng	100
29) 2,4-Dichlorophenol	8.12	162	260759	43.418	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	293234	43.589	ng	95
31) Naphthalene	8.28	128	946979	47.466	ng	100
32) Benzoic acid	8.02	122	275836	60.036	ng	# 22
33) 4-Chloroaniline	8.35	127	116150	12.936	ng	99
34) Hexachlorobutadiene	8.39	225	161953	43.358	ng	99
35) Caprolactam	8.70	113	72759	34.758	ng	90
36) 4-Chloro-3-methylphenol	8.81	107	269245	41.458	ng	95
37) 2-Methylnaphthalene	8.97	142	619676	46.945	ng	99
38) 1-Methylnaphthalene	9.07	142	573773	44.980	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	258191	46.272	ng	99

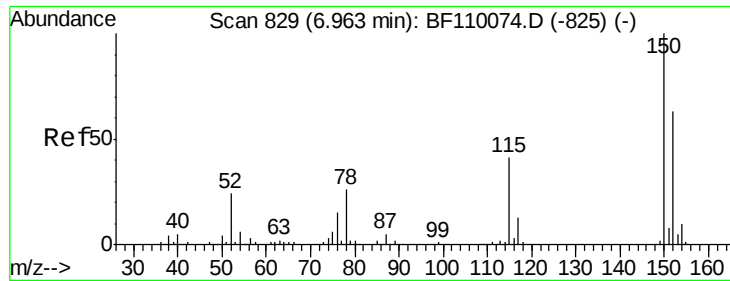
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
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 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	11557	4.051	ng	99
43) 2,4,6-Trichlorophenol	9.25	196	167994	46.678	ng	95
44) 2,4,5-Trichlorophenol	9.30	196	168757	44.360	ng	93
46) 1,1'-Biphenyl	9.43	154	722477	44.613	ng	99
47) 2-Chloronaphthalene	9.46	162	536943	45.200	ng	98
48) 2-Nitroaniline	9.56	65	168536	46.819	ng	93
49) Acenaphthylene	9.88	152	784953	45.749	ng	99
50) Dimethylphthalate	9.73	163	820248	62.048	ng	99
51) 2,6-Dinitrotoluene	9.80	165	118013	41.444	ng #	84
52) Acenaphthene	10.06	154	491022	43.259	ng	98
53) 3-Nitroaniline	9.97	138	97711	28.855	ng	85
54) 2,4-Dinitrophenol	10.08	184	12349	15.395	ng	94
55) Dibenzofuran	10.23	168	698099	43.928	ng	96
56) 4-Nitrophenol	10.14	139	225095	89.814	ng	92
57) 2,4-Dinitrotoluene	10.21	165	139994	38.706	ng #	84
58) Fluorene	10.57	166	549149	46.430	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	129124	41.642	ng	96
60) Diethylphthalate	10.43	149	596637	46.235	ng	99
61) 4-Chlorophenyl-phenylether	10.56	204	261778	41.956	ng	99
62) 4-Nitroaniline	10.59	138	109995	32.659	ng	98
63) Azobenzene	10.72	77	521148	40.686	ng	97
65) 4,6-Dinitro-2-methylphenol	10.62	198	13332	10.571	ng	81
66) n-Nitrosodiphenylamine	10.67	169	449129	49.606	ng	96
67) 4-Bromophenyl-phenylether	11.05	248	145117	48.466	ng	97
68) Hexachlorobenzene	11.12	284	142686	44.913	ng	93
69) Atrazine	11.20	200	110377	38.576	ng	99
70) Pentachlorophenol	11.32	266	124750	67.342	ng	97
71) Phenanthrene	11.54	178	1157290	80.125	ng	100
72) Anthracene	11.59	178	805447	55.635	ng	99
73) Carbazole	11.74	167	609177	43.096	ng	99
74) Di-n-butylphthalate	12.06	149	1246825	78.099	ng	99
75) Fluoranthene	12.74	202	1485256	101.324	ng	99
77) Benzidine	12.88	184	802	Below Cal	ng #	1
78) Pyrene	12.97	202	1353183	111.115	ng	98
80) Butylbenzylphthalate	13.57	149	289372	54.745	ng	97
81) Benzo(a)anthracene	14.16	228	868888	86.254	ng	99
82) 3,3'-Dichlorobenzidine	14.12	252	27635	7.878	ng	96
83) Chrysene	14.20	228	786246	82.175	ng	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	437922	61.287	ng #	95
85) Di-n-octyl phthalate	14.74	149	630468	56.745	ng	98
86) Indeno(1,2,3-cd)pyrene	17.30	276	450356	56.737	ng	99
88) Benzo(b)fluoranthene	15.25	252	742499	100.109	ng	97
89) Benzo(k)fluoranthene	15.28	252	443089	60.768	ng #	95
90) Benzo(a)pyrene	15.64	252	547534	80.228	ng	98
91) Dibenzo(a,h)anthracene	17.31	278	300303	50.996	ng	97
92) Benzo(g,h,i)perylene	17.79	276	386008	66.520	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

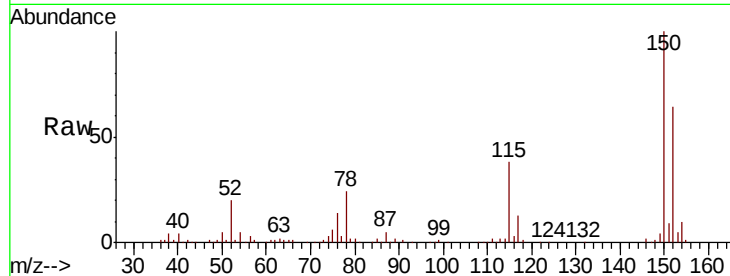


#1

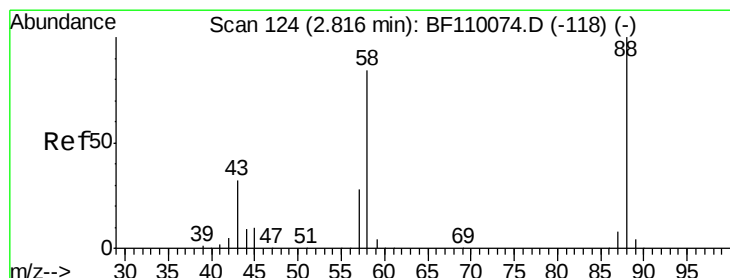
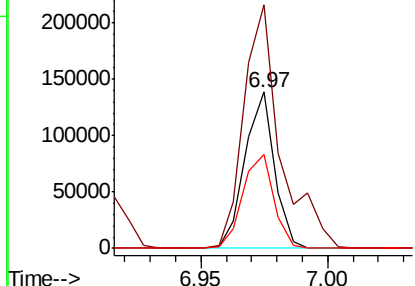
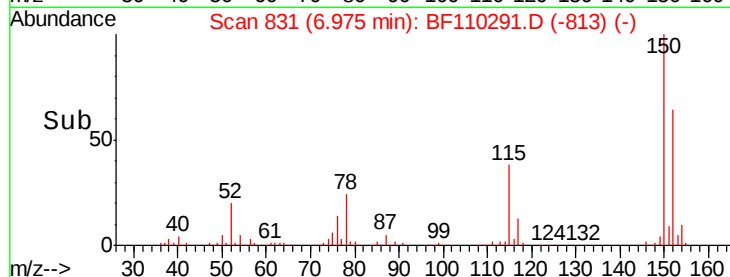
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 112788
Ion Ratio Lower Upper
152 100
150 155.6 122.7 184.1
115 59.6 49.1 73.7



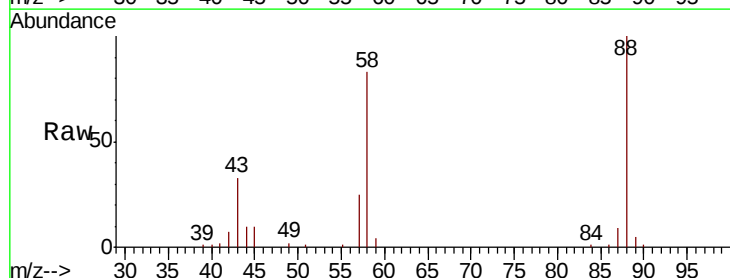
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



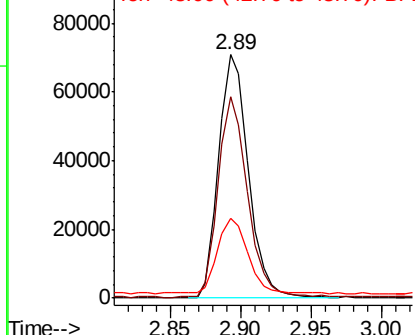
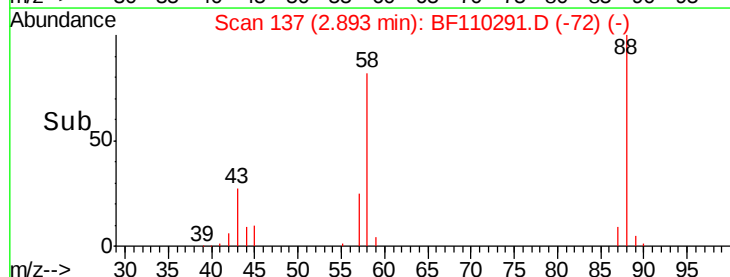
#2

1,4-Dioxane
Concen: 28.735 ng
RT: 2.89 min Scan# 137
Delta R.T. 0.08 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Tgt Ion: 88 Resp: 104271
Ion Ratio Lower Upper
88 100
58 83.2 57.1 85.7
43 32.3 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

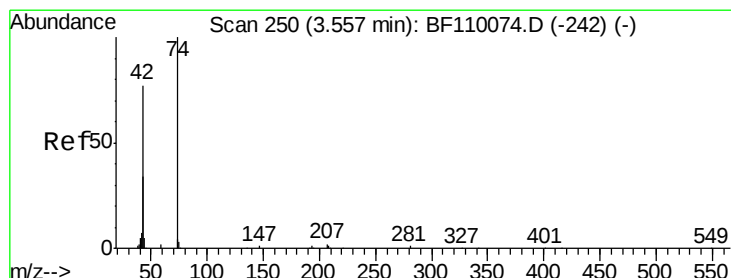
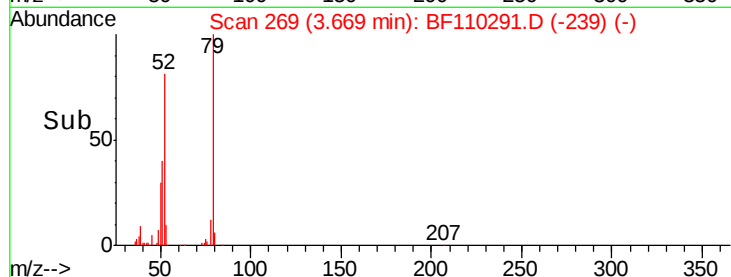
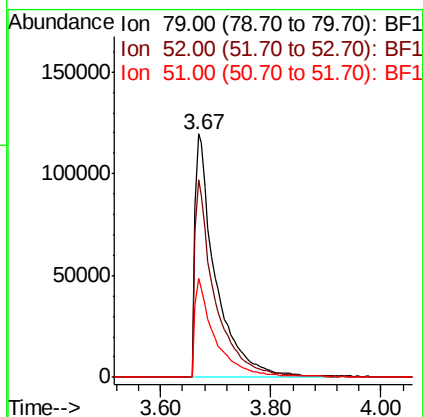
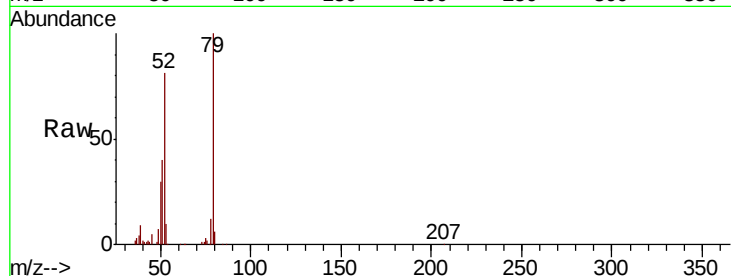




#3
 Pvridine
 Concen: 38.310 ng
 RT: 3.67 min Scan# 269
 Delta R.T. 0.08 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

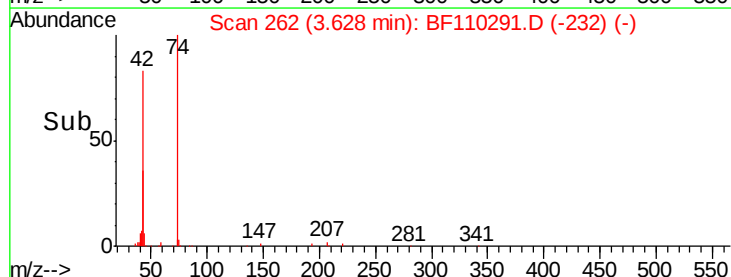
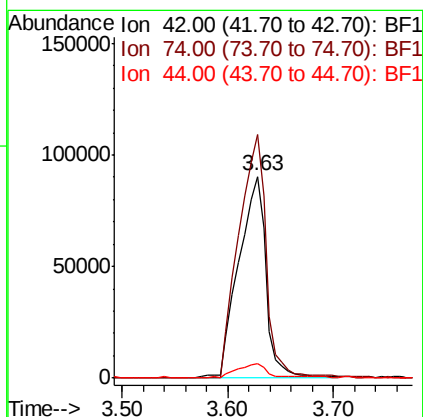
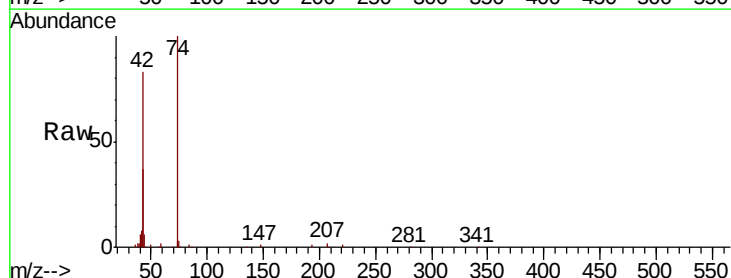
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 309634
 Ion Ratio Lower Upper
 79 100
 52 81.0 53.1 79.7#
 51 40.4 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 47.828 ng
 RT: 3.63 min Scan# 262
 Delta R.T. 0.08 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

Tgt Ion: 42 Resp: 161953
 Ion Ratio Lower Upper
 42 100
 74 120.7 105.5 158.3
 44 7.2 4.9 7.3





#5

2-Fluorophenol

Concen: 133.021 ng

RT: 5.61 min Scan# 599

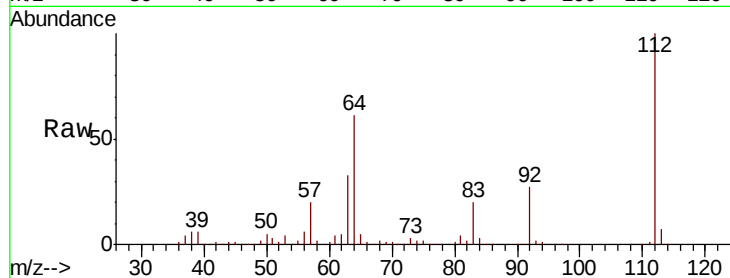
Delta R.T. 0.02 min

Lab File: BF110291.D

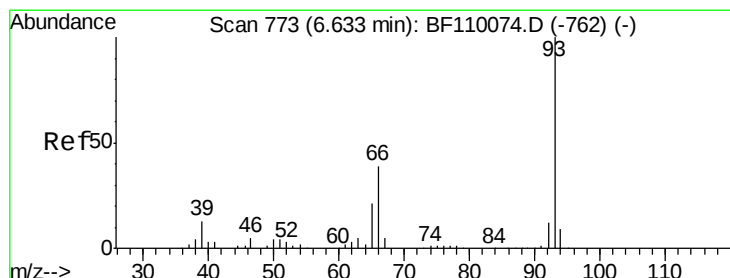
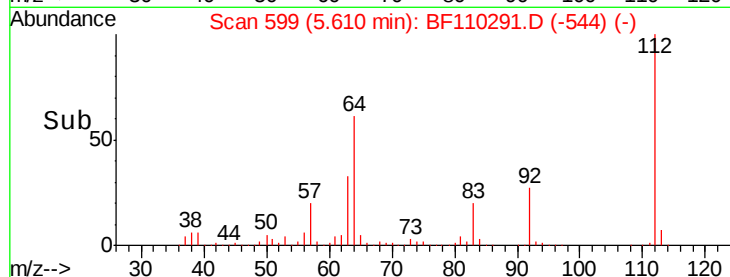
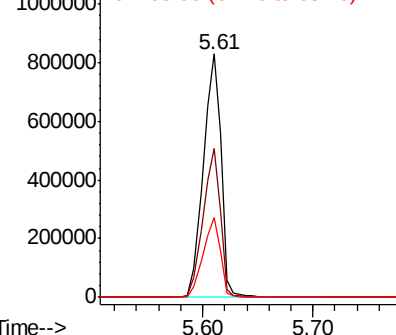
Acq: 30 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	921316
Ion	Ratio	Lower	Upper
112	100		
64	61.3	44.1	66.1
63	32.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.960 ng

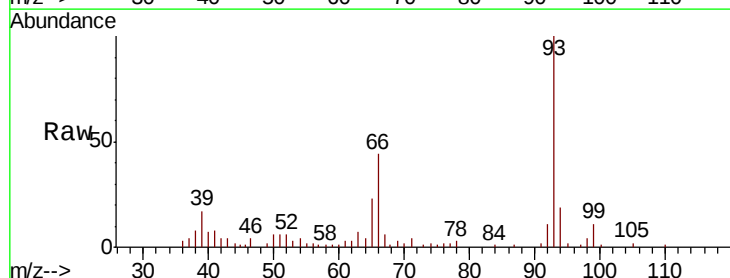
RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

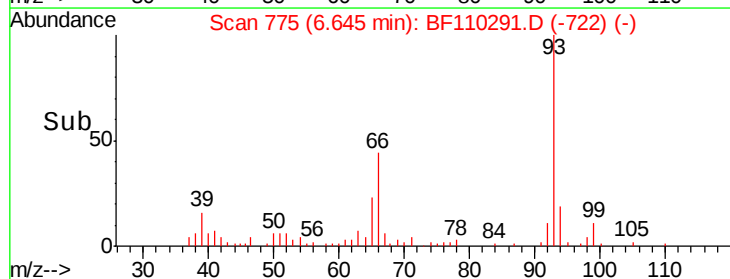
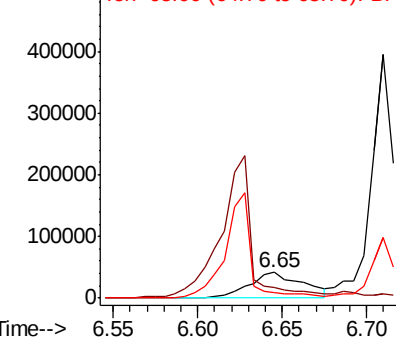
Lab File: BF110291.D

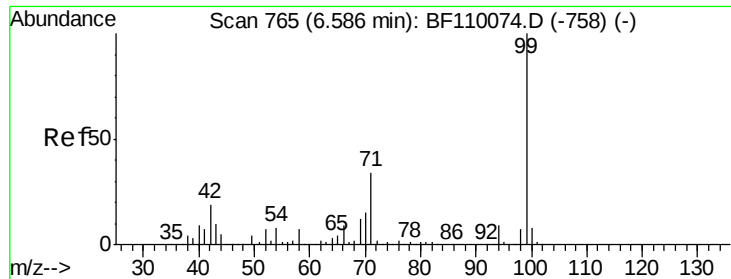
Acq: 30 Oct 2018 4:30

Tgt Ion:	93	Resp:	91858
Ion	Ratio	Lower	Upper
93	100		
66	43.9	67.4	101.0#
65	23.0	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.383 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.02 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampled :

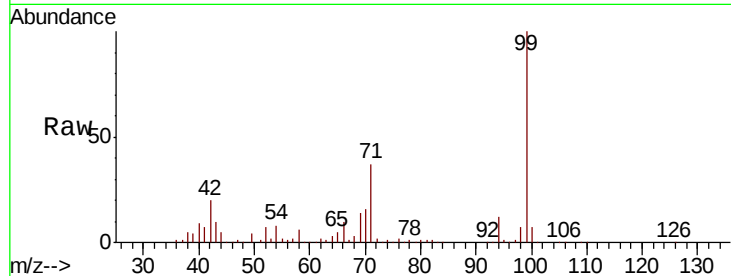
Tot Ion: 99 Resp: 1137349

Ion Ratio Lower Upper

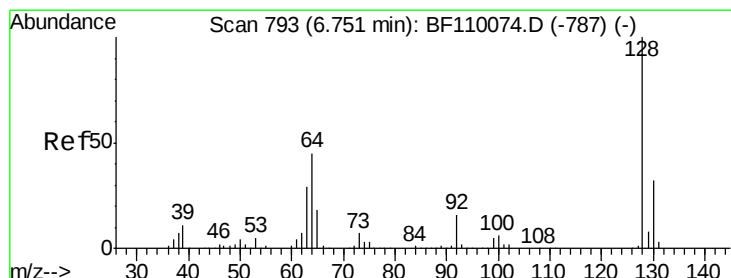
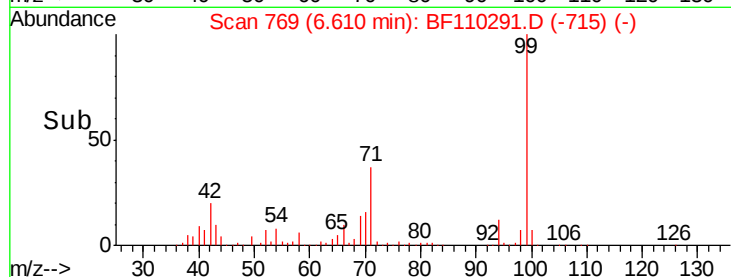
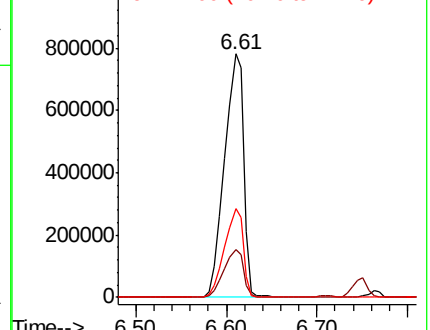
99 100

42 19.6 15.8 23.6

71 36.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.739 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

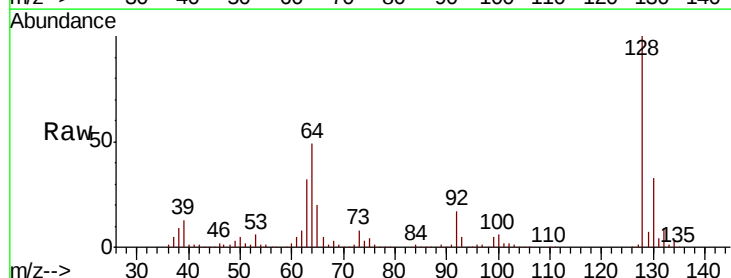
Tgt Ion: 128 Resp: 341278

Ion Ratio Lower Upper

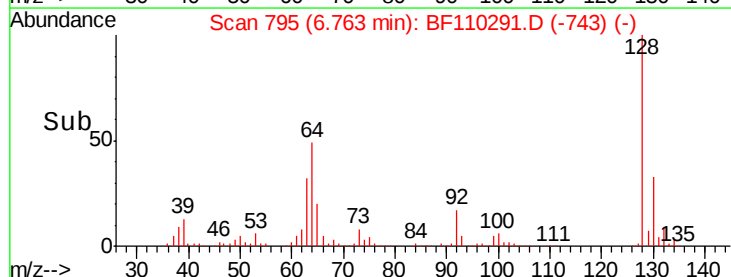
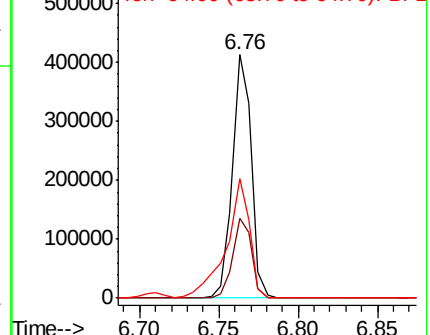
128 100

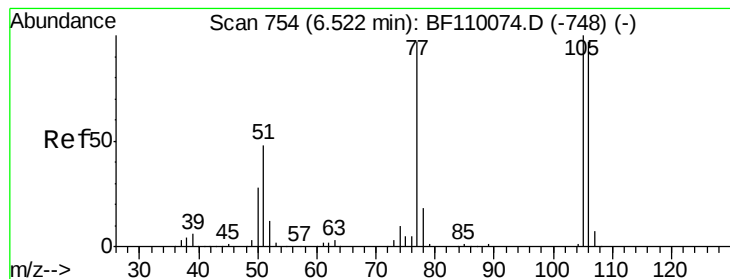
130 32.8 13.1 53.1

64 48.9 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.790 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampled :

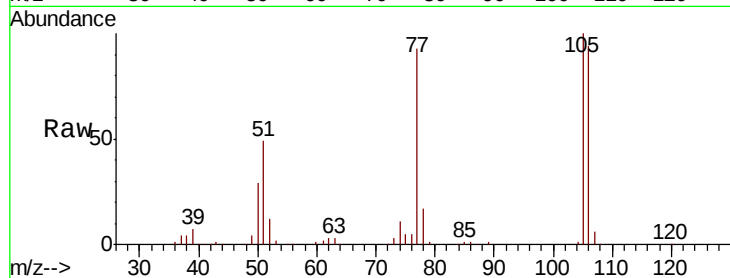
Tot Ion: 77 Resp: 155987

Ion Ratio Lower Upper

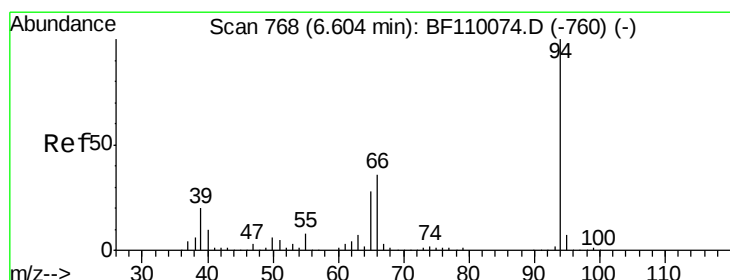
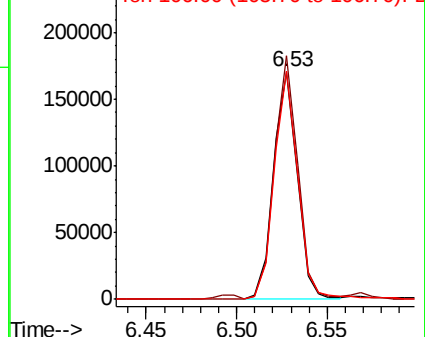
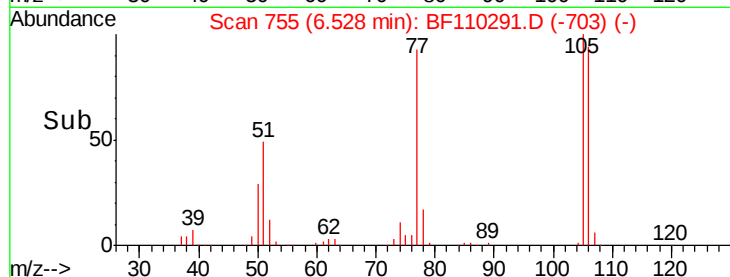
77 100

105 107.0 78.6 118.6

106 100.2 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 56.365 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.02 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

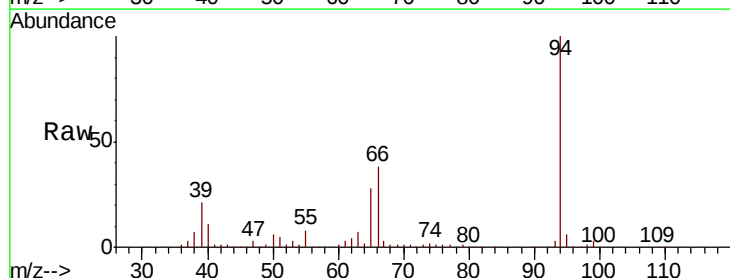
Tgt Ion: 94 Resp: 533753

Ion Ratio Lower Upper

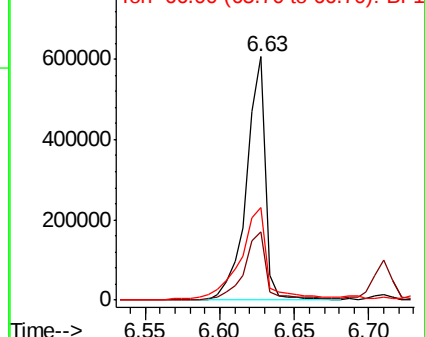
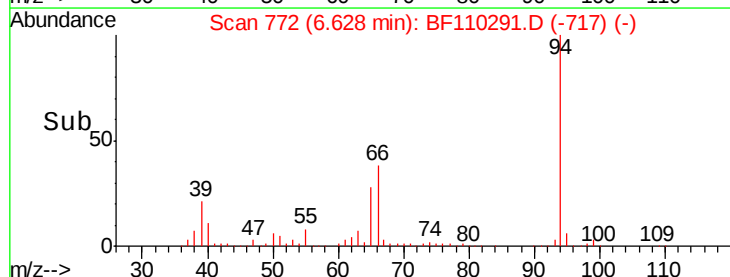
94 100

65 28.1 25.3 65.3

66 38.1 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 47.259 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampled :

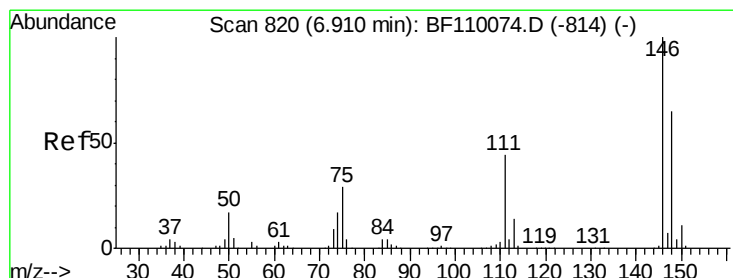
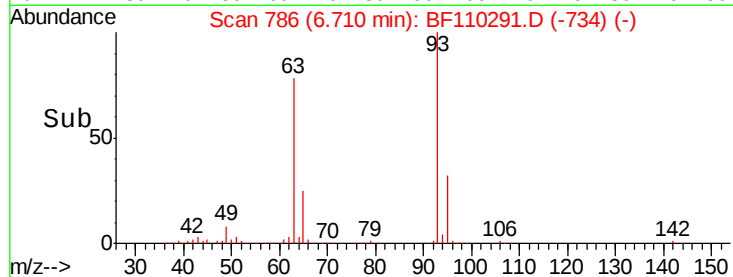
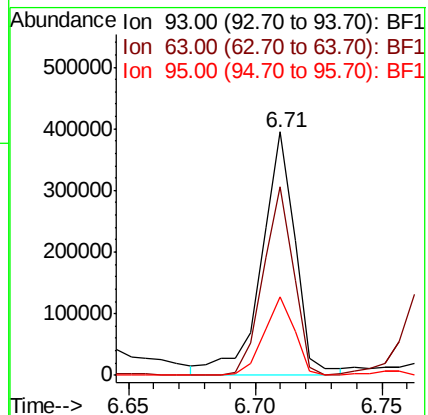
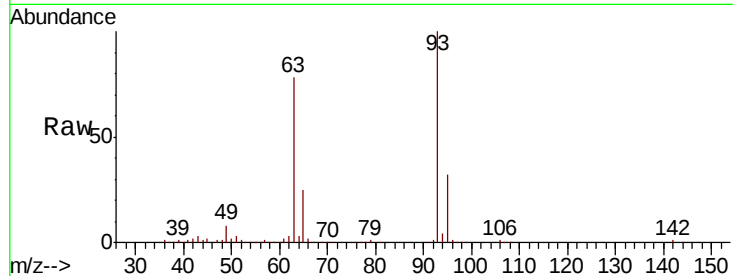
Tot Ion: 93 Resp: 368190

Ion Ratio Lower Upper

93 100

63 77.5 53.4 93.4

95 32.2 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 40.909 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

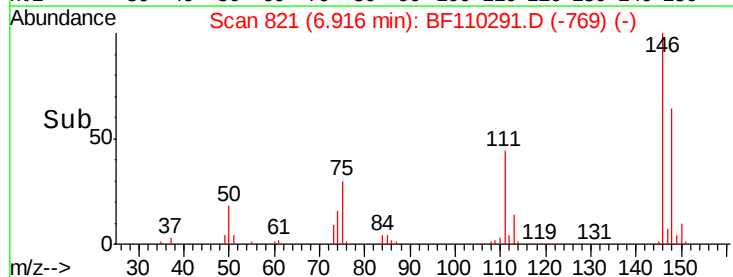
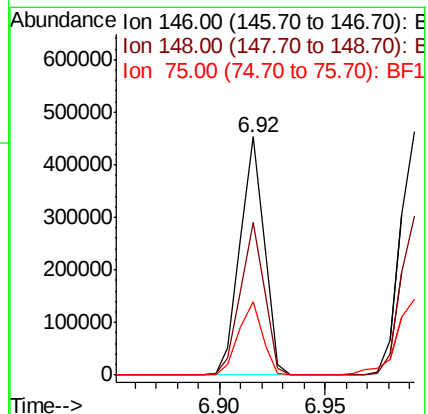
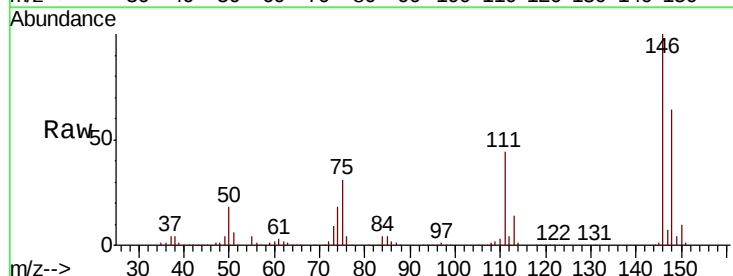
Tgt Ion: 146 Resp: 359489

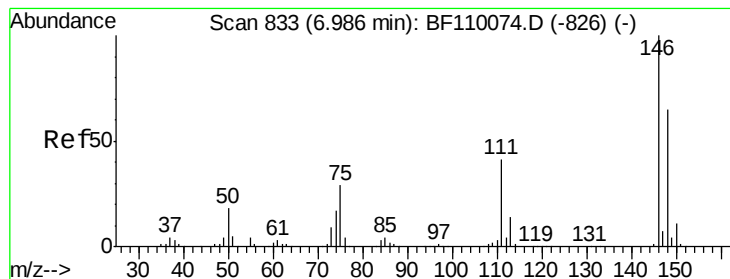
Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

75 30.8 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 40.834 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampleId :

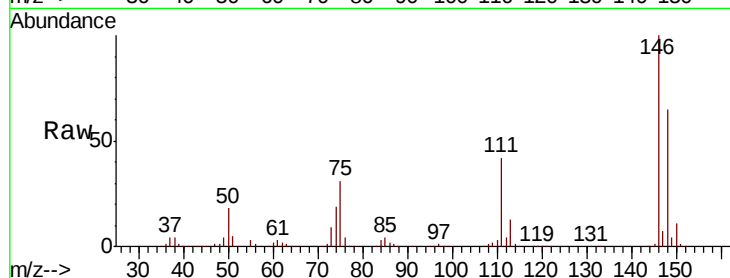
Tot Ion:146 Resp: 362912

Ion Ratio Lower Upper

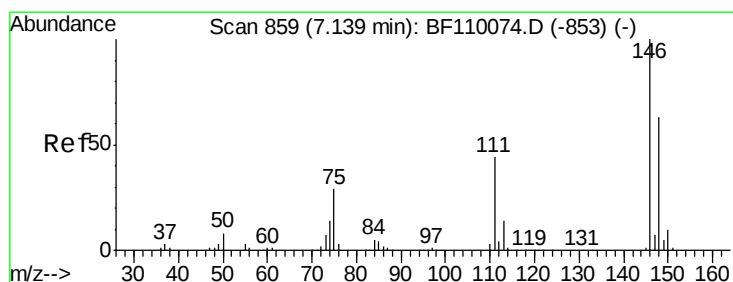
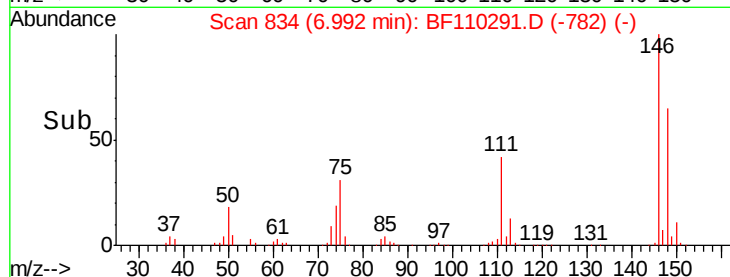
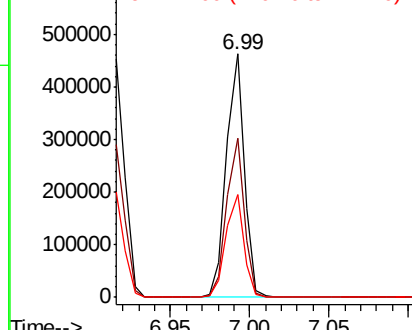
146 100

148 65.1 50.3 75.5

111 42.3 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.125 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

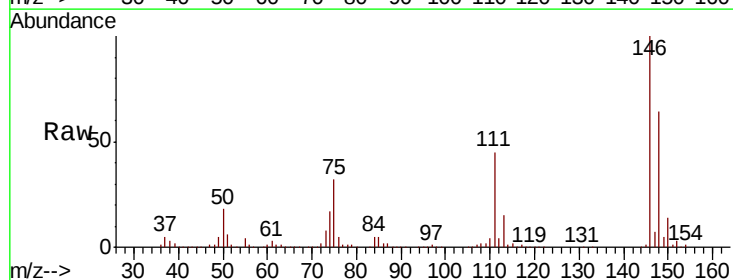
Tgt Ion:146 Resp: 339297

Ion Ratio Lower Upper

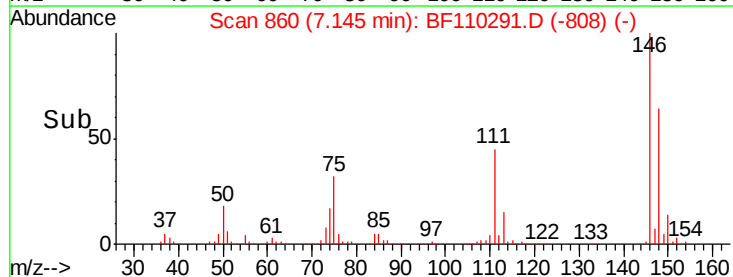
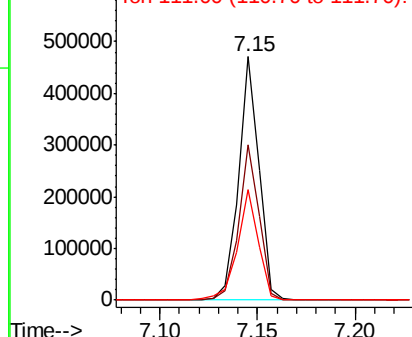
146 100

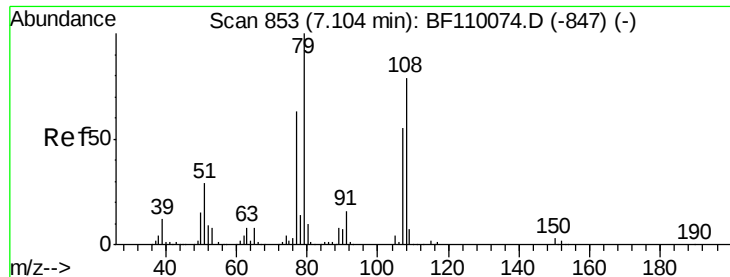
148 63.9 51.1 76.7

111 45.3 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.533 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampled :

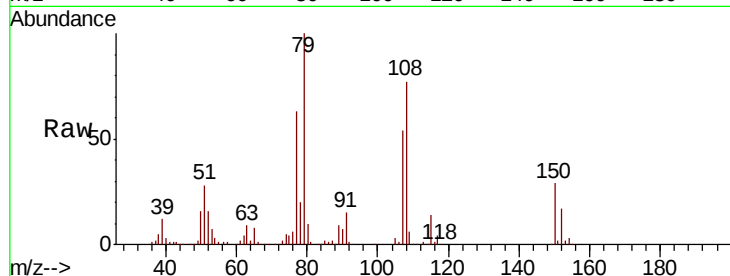
Tot Ion: 79 Resp: 289802

Ion Ratio Lower Upper

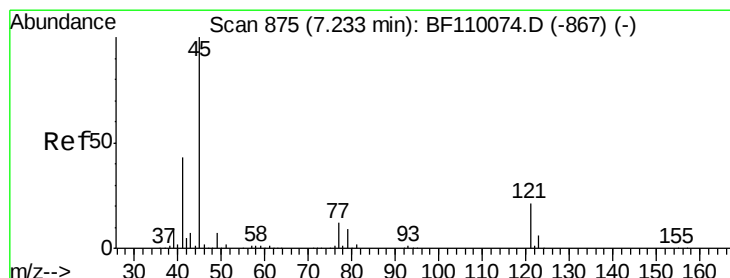
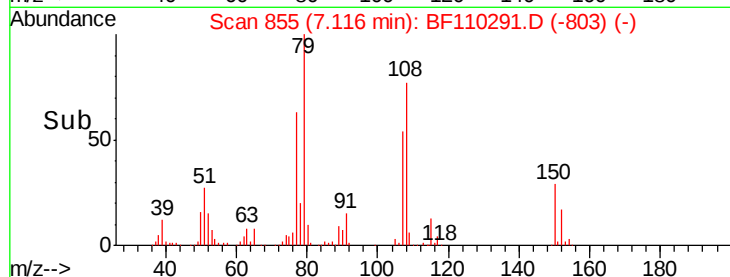
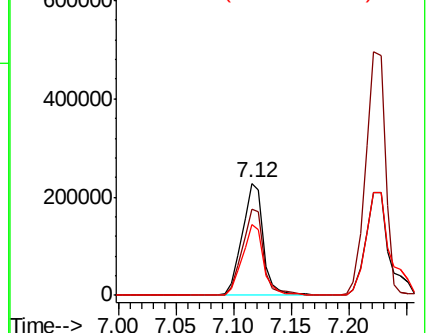
79 100

108 77.1 56.3 84.5

77 63.0 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.187 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

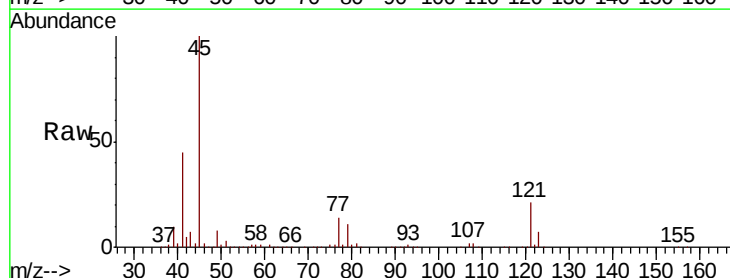
Tgt Ion: 45 Resp: 488139

Ion Ratio Lower Upper

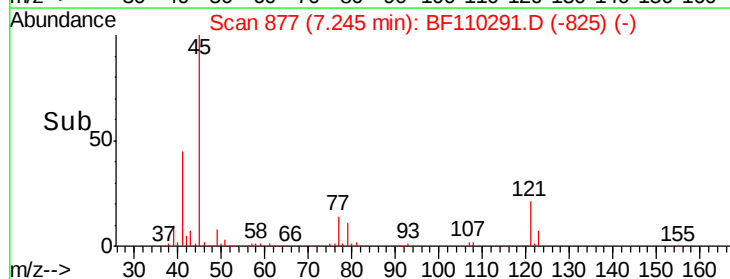
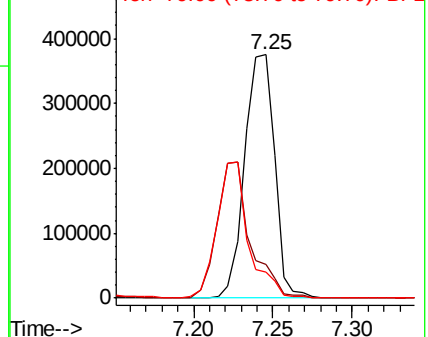
45 100

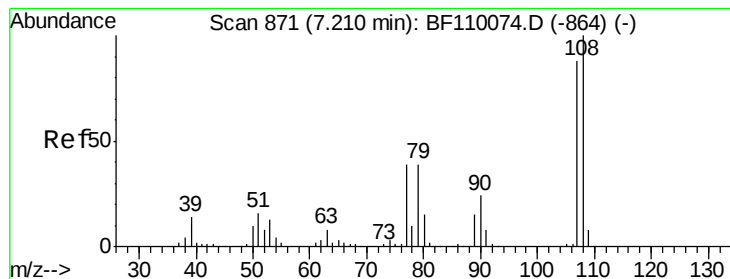
77 13.9 10.0 50.0

79 10.8 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

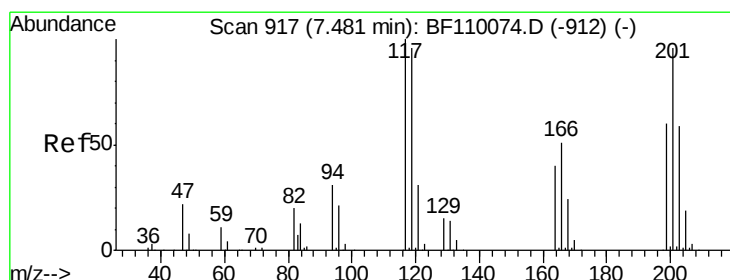
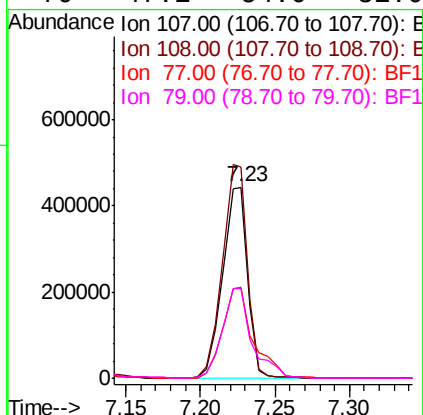
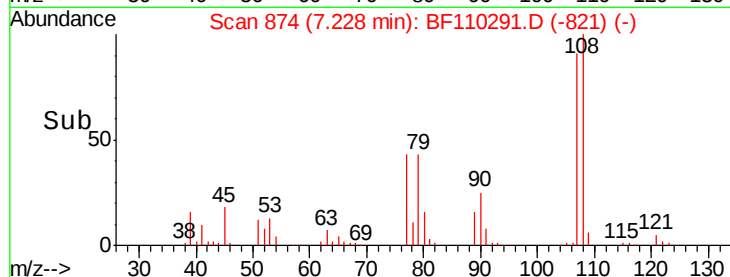
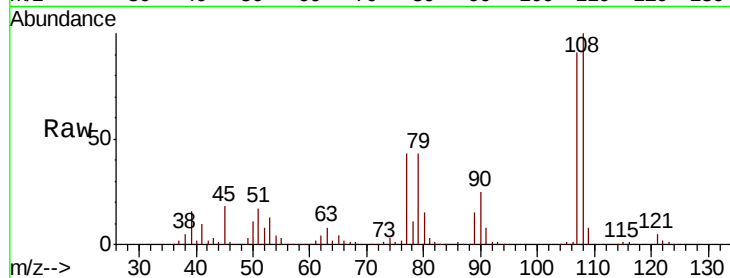




#17
2-Methylphenol
Concen: 82.671 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

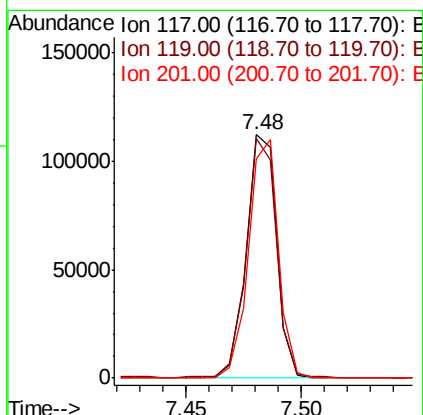
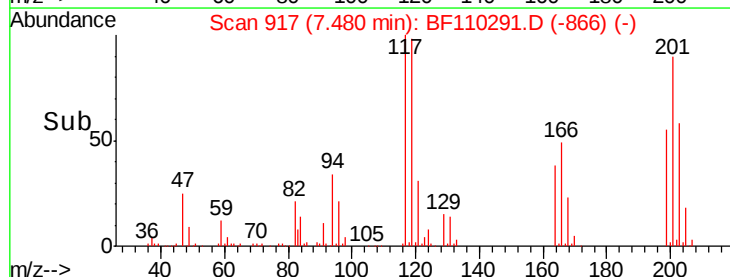
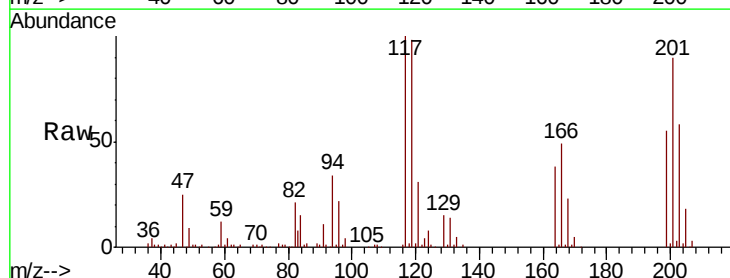
Instrument :
BNA_F
ClientSampleId :

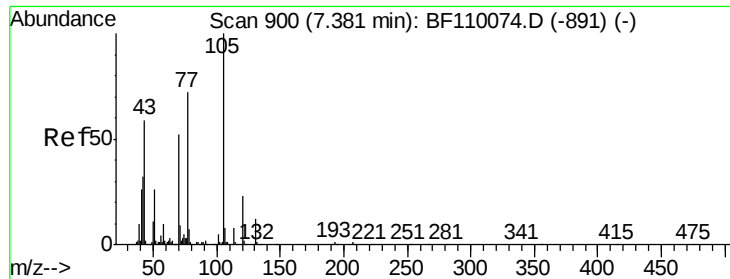
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.2	92.6	138.8
77	47.4	59.4	89.2#
79	47.1	54.0	81.0#



#18
Hexachloroethane
Concen: 31.912 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.0	112.6
201	90.1	79.2	118.8

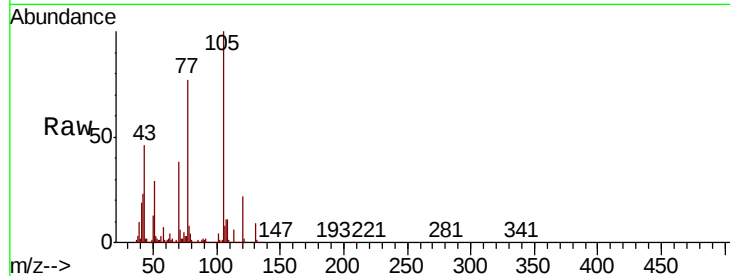




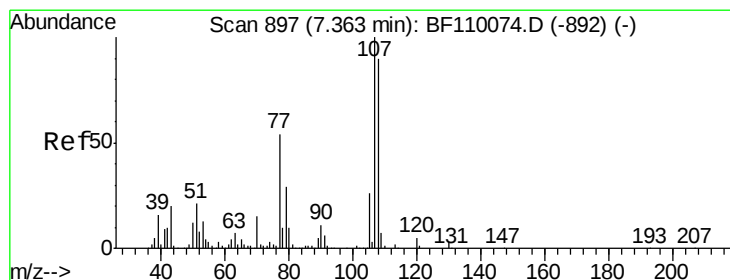
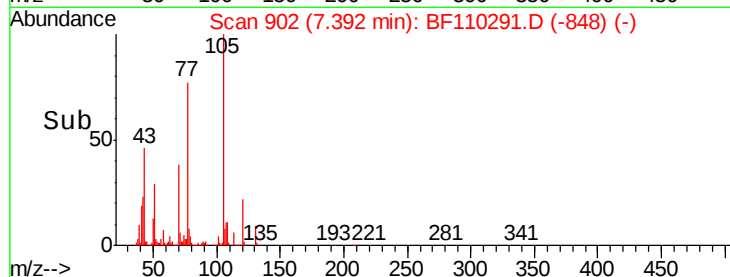
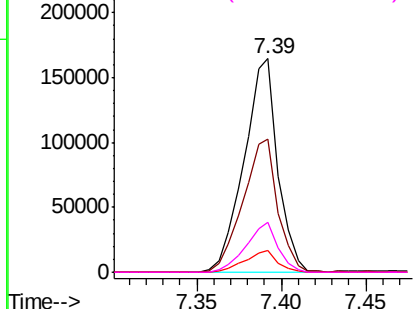
#19
n-Nitroso-di-n-propylamine
Concen: 40.328 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.02 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	229202
Ion	Ratio	Lower	Upper
70	100		
42	62.3	47.4	71.2
101	10.2	7.3	10.9
130	23.4	16.2	24.2

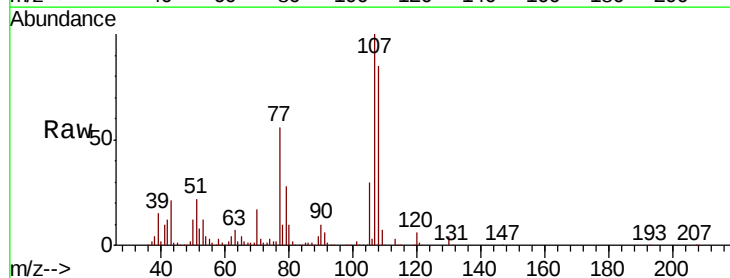


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

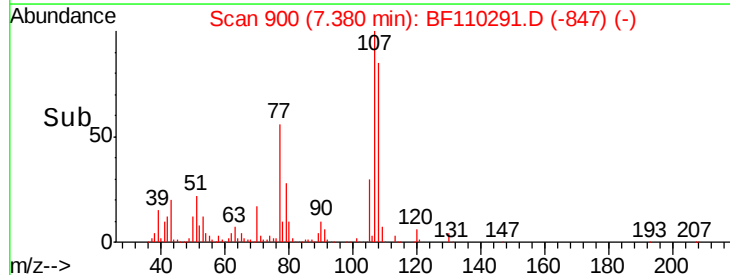
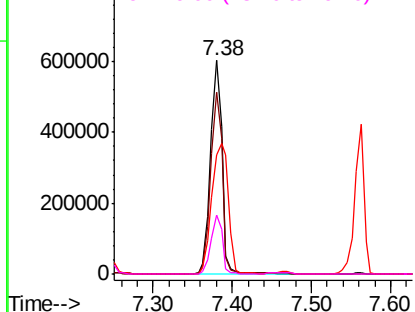


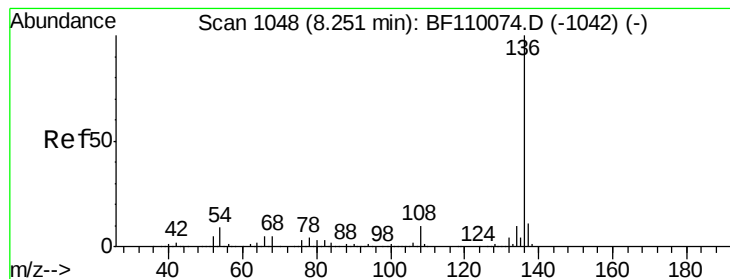
#20
3+4-Methylphenols
Concen: 73.494 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Tgt Ion:	107	Resp:	604563
Ion	Ratio	Lower	Upper
107	100		
108	85.4	71.4	111.4
77	55.8	47.3	87.3
79	27.7	10.9	50.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 432876

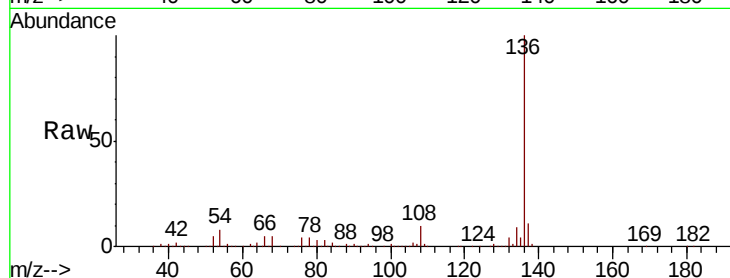
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.4 5.4 8.2#

68 5.4 4.2 6.2

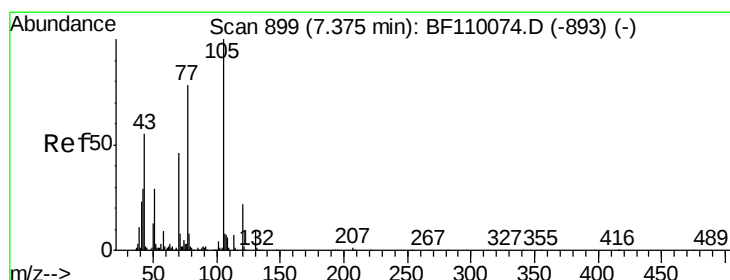
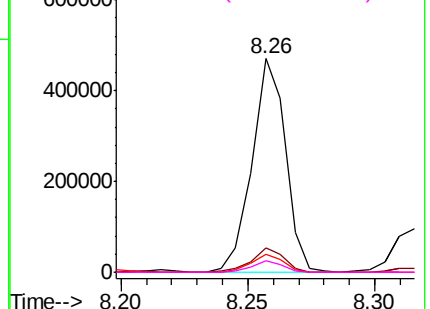
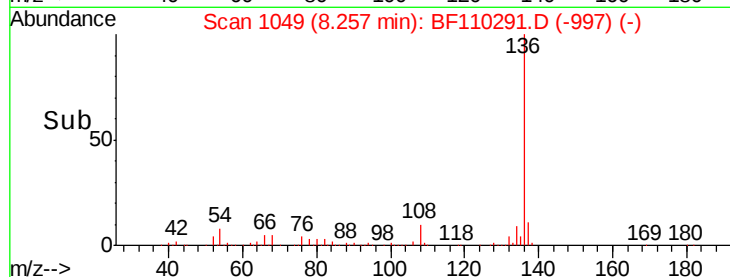


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.438 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Tgt Ion:105 Resp: 463196

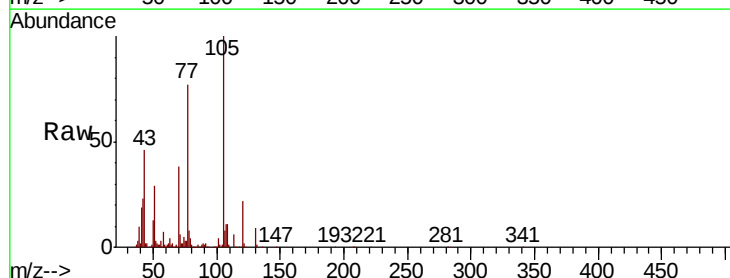
Ion Ratio Lower Upper

105 100

71 6.0 5.2 7.8

51 28.5 21.8 32.8

120 22.3 17.0 25.4

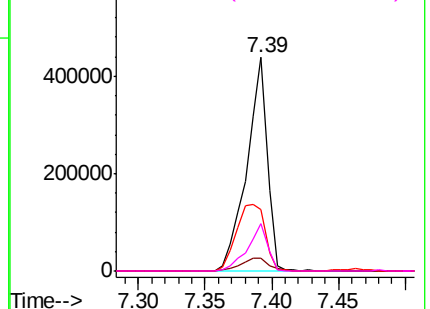
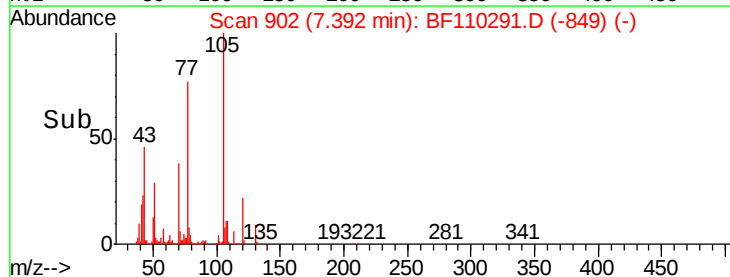


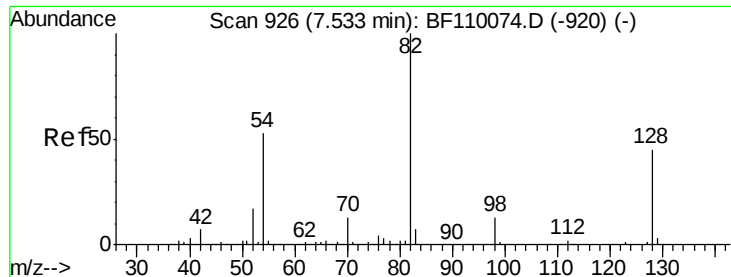
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

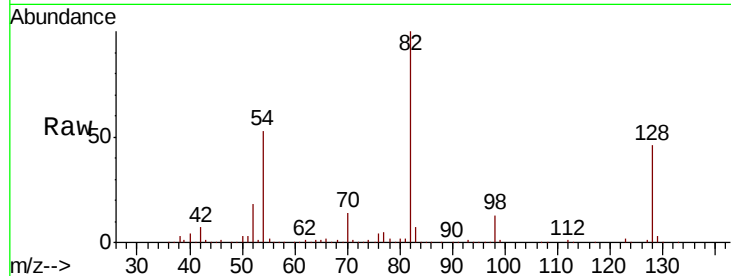




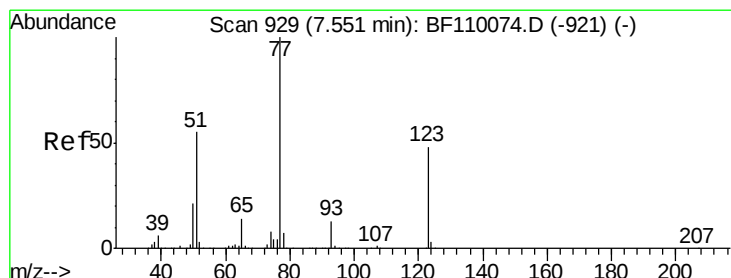
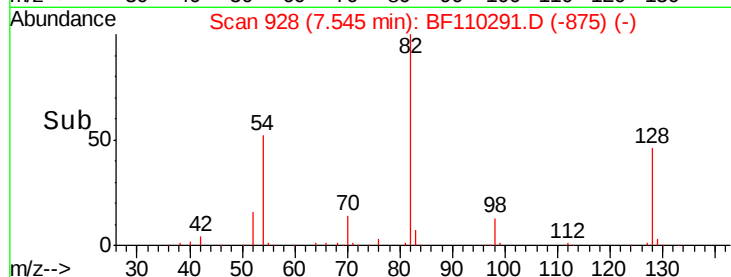
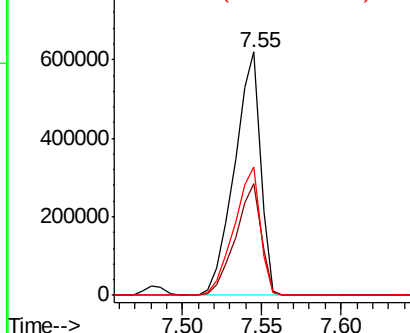
#23
 Nitrobenzene-d5
 Concen: 96.553 ng
 RT: 7.55 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	704656
Ion Ratio	100	Lower	Upper
128	46.1	34.2	51.2
54	52.6	38.6	58.0

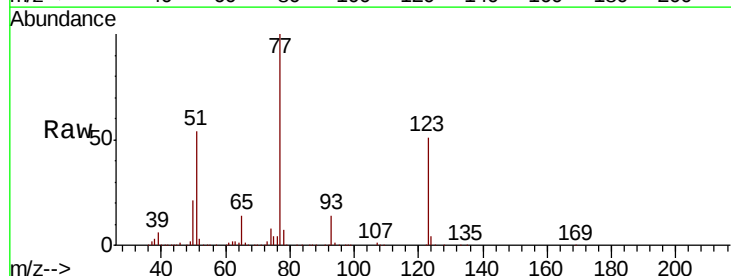


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

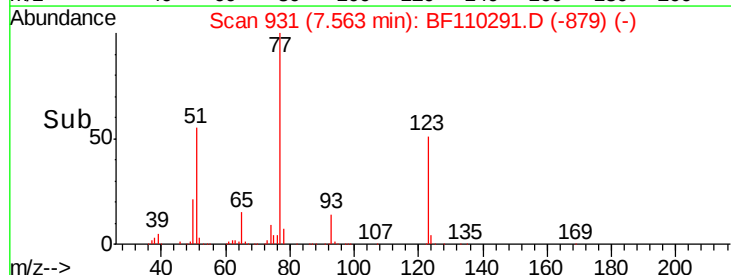
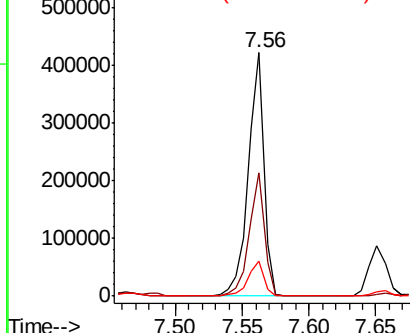


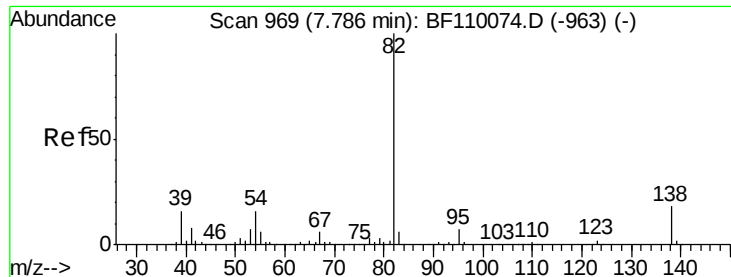
#24
 Nitrobenzene
 Concen: 44.688 ng
 RT: 7.56 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

Tgt Ion	77	Resp	336716
Ion Ratio	100	Lower	Upper
123	50.6	35.7	53.5
65	14.5	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 50.522 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.02 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampled :

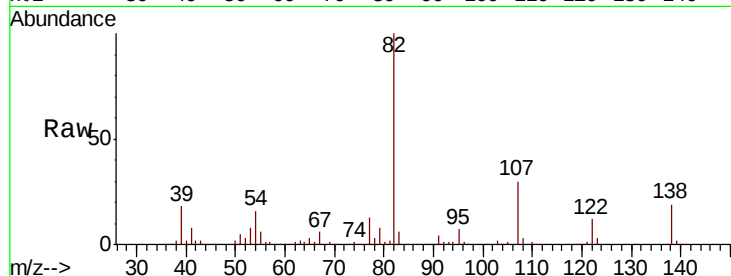
Tot Ion: 82 Resp: 628519

Ion Ratio Lower Upper

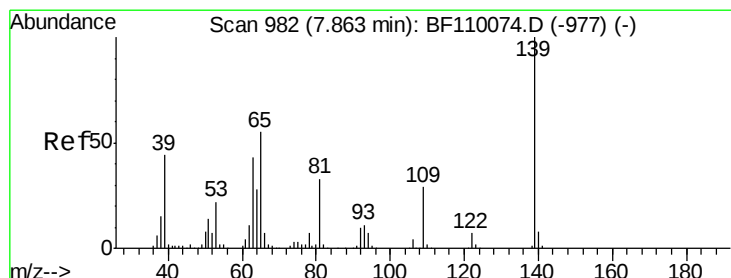
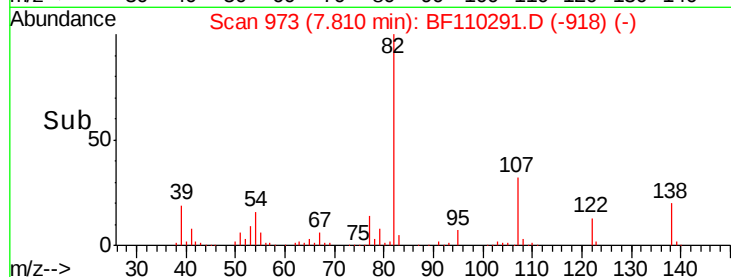
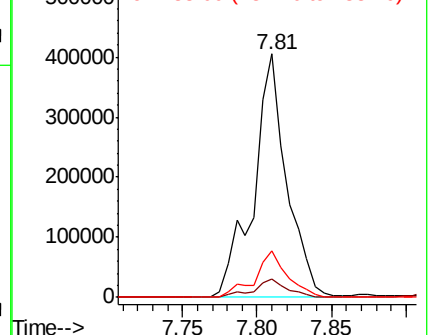
82 100

95 7.3 5.7 8.5

138 19.2 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.201 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

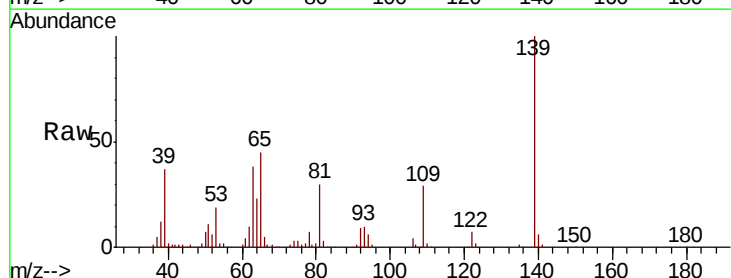
Tgt Ion: 139 Resp: 140557

Ion Ratio Lower Upper

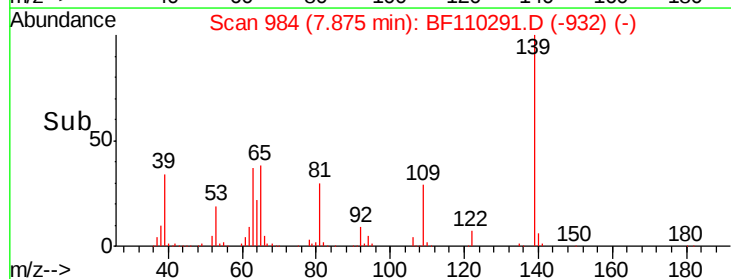
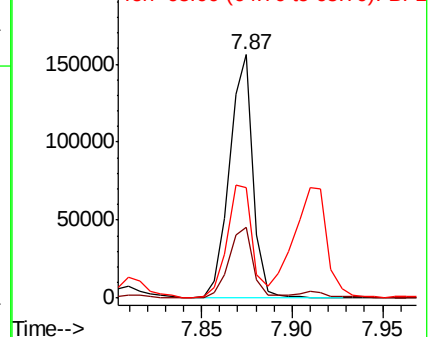
139 100

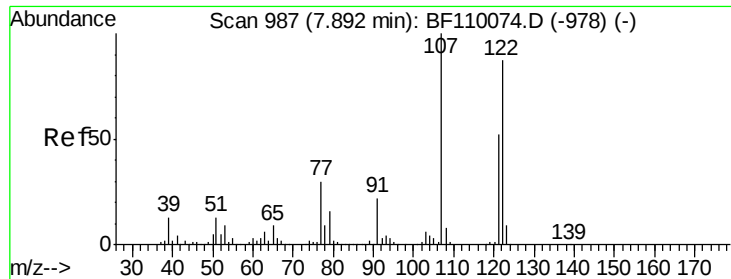
109 29.2 25.0 37.6

65 45.4 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

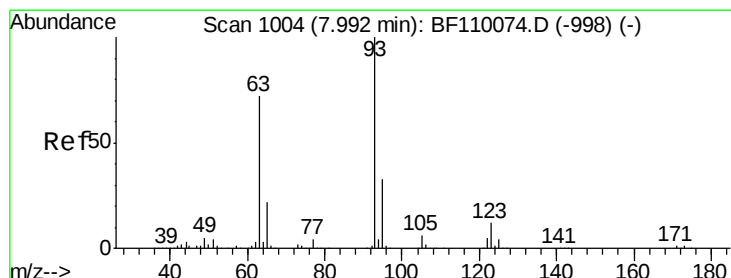
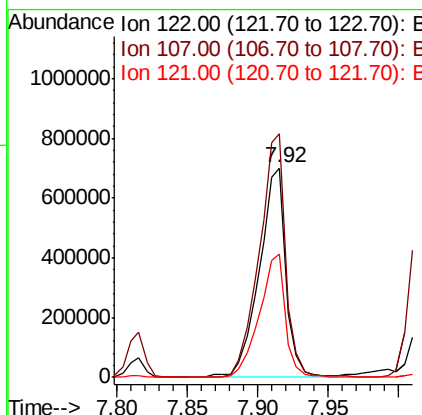
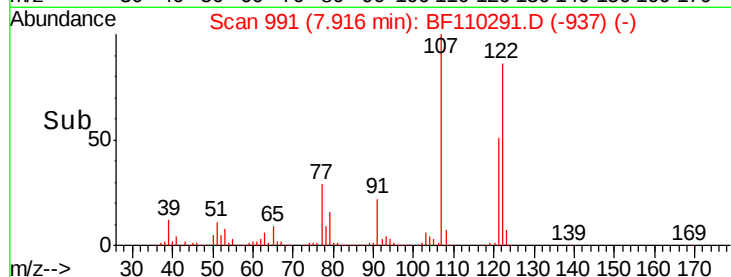
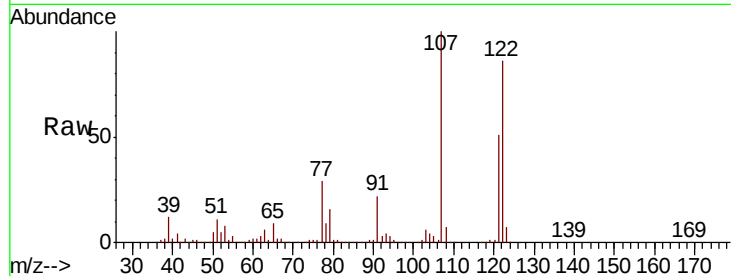




#27
 2,4-Dimethylphenol
 Concen: 156.836 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.02 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

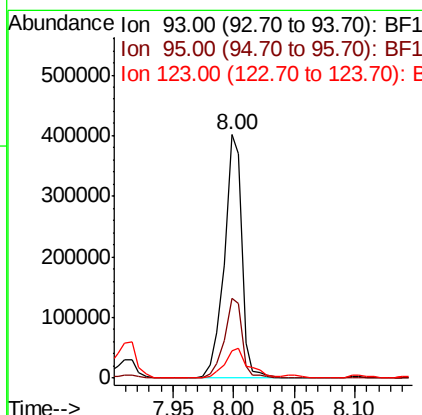
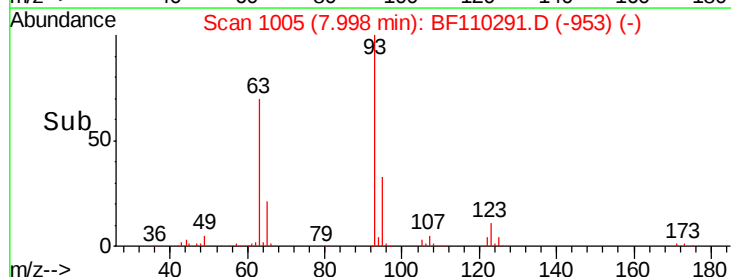
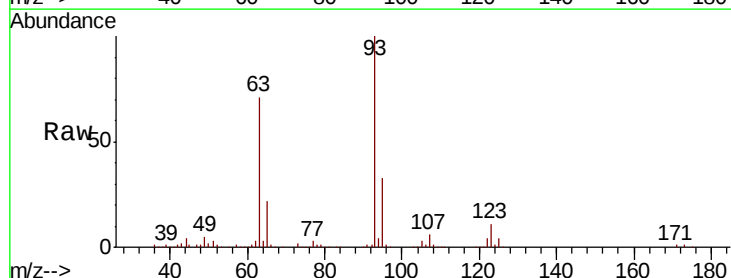
Instrument :
 BNA_F
 ClientSampled :

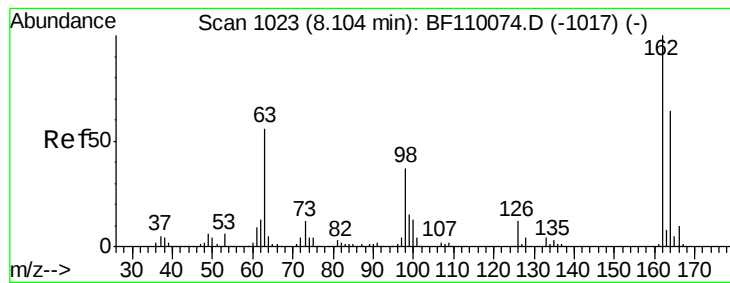
Tot Ion:122 Resp: 932338
 Ion Ratio Lower Upper
 122 100
 107 116.3 92.5 138.7
 121 58.9 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.909 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

Tgt Ion: 93 Resp: 404889
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.4 39.6
 123 11.3 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 43.418 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampleId :

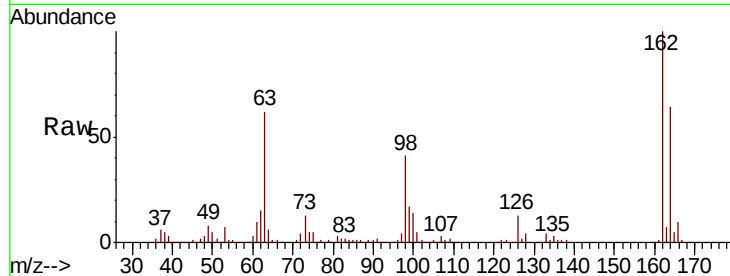
Tot Ion:162 Resp: 260759

Ion Ratio Lower Upper

162 100

164 64.1 44.6 84.6

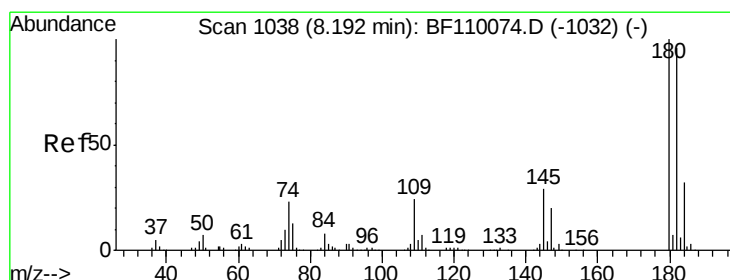
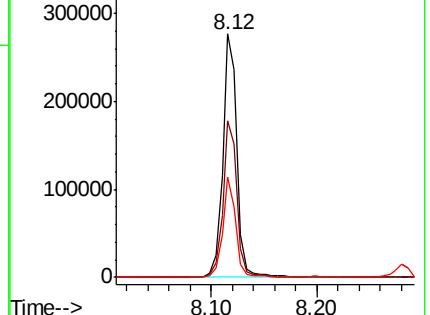
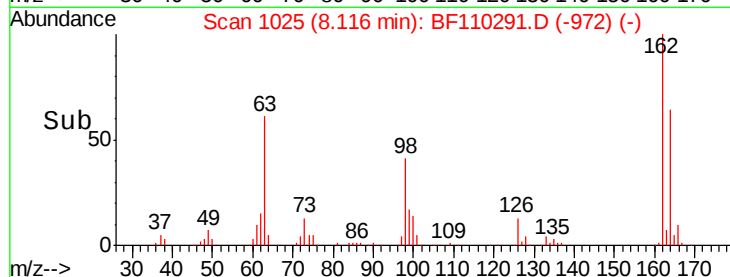
98 40.9 17.4 57.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 43.589 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

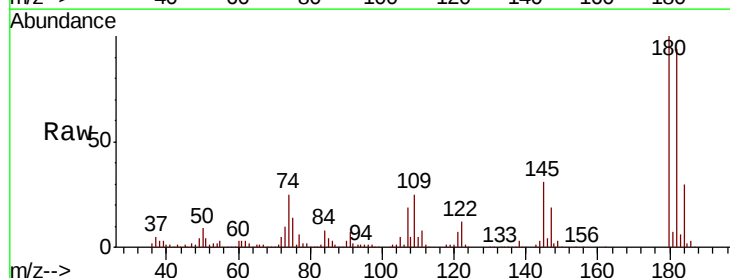
Tgt Ion:180 Resp: 293234

Ion Ratio Lower Upper

180 100

182 94.4 80.3 120.5

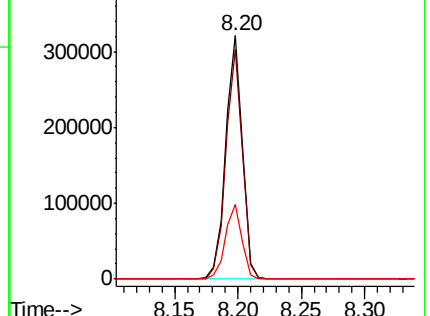
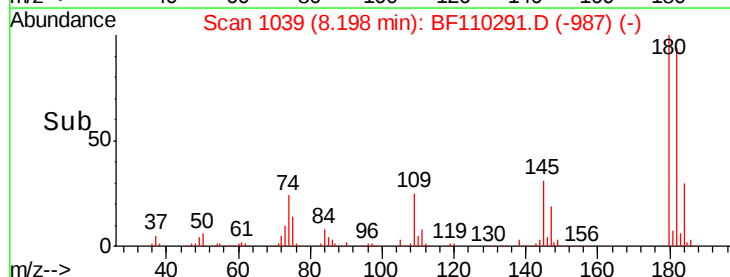
145 30.9 25.4 38.0

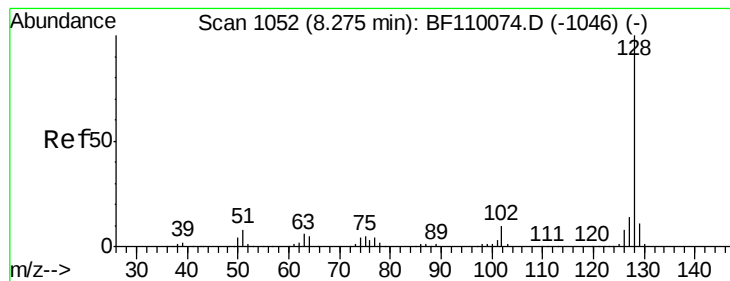


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.466 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampled :

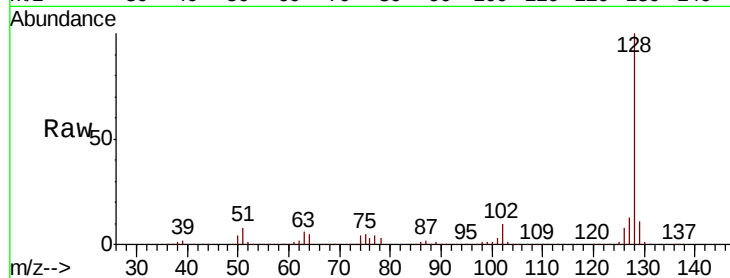
Tot Ion:128 Resp: 946979

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

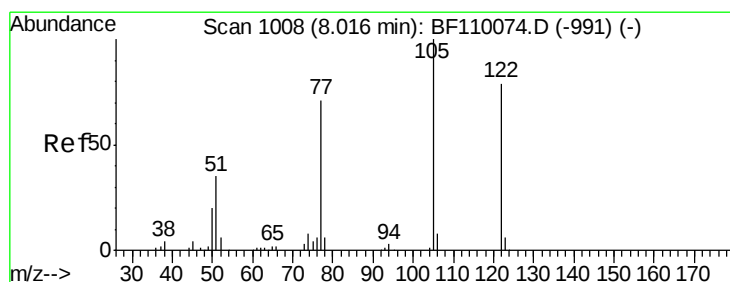
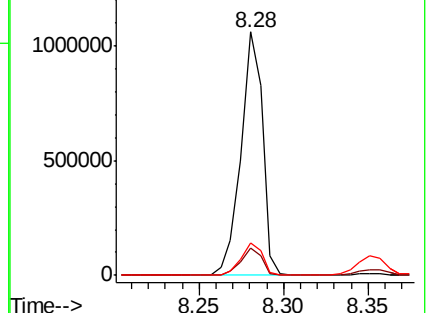
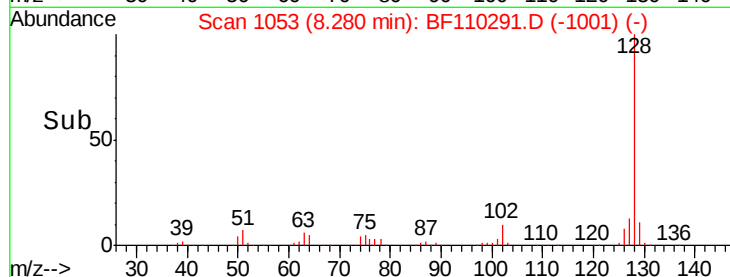
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 60.036 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

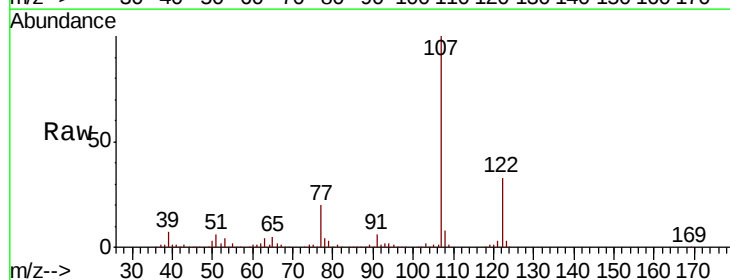
Tgt Ion:122 Resp: 275836

Ion Ratio Lower Upper

122 100

105 3.5 109.0 149.0#

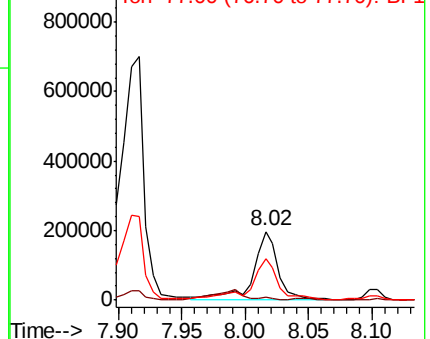
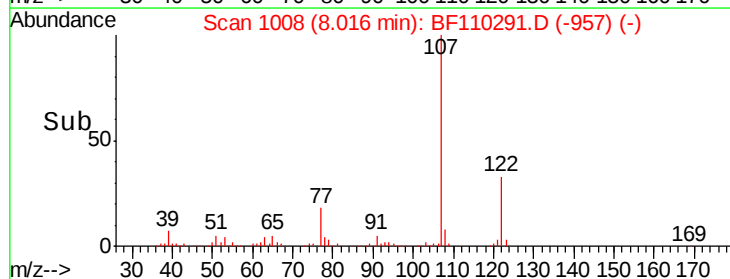
77 60.5 79.0 119.0#

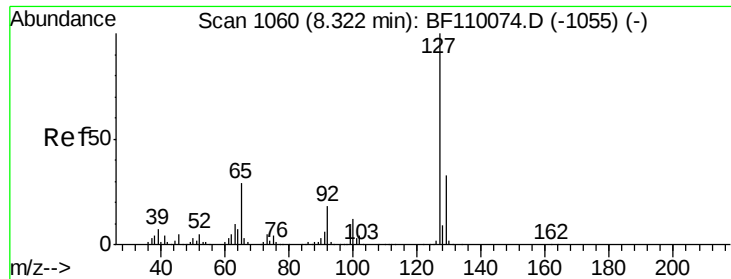


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

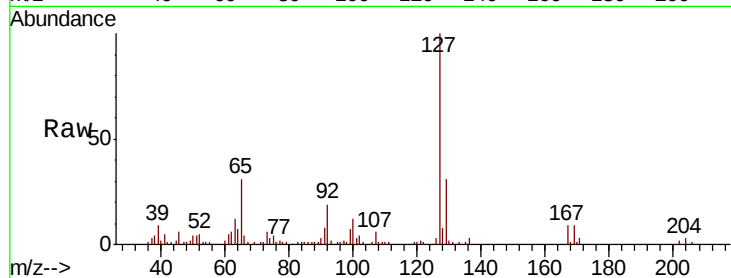




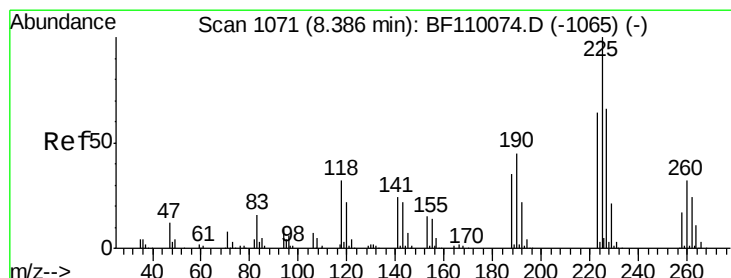
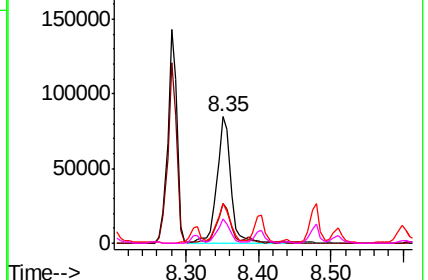
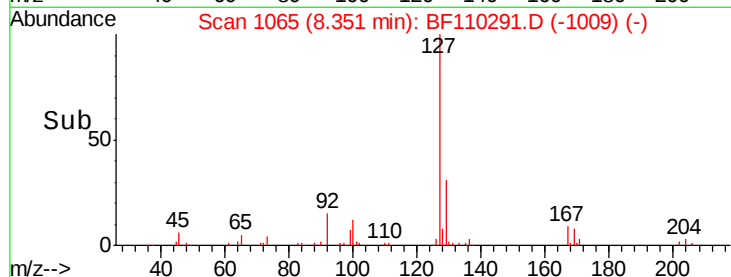
#33
4-Chloroaniline
Concen: 12.936 ng
RT: 8.35 min Scan# 1065
Delta R.T. 0.03 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	116150
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.0	39.0
65	31.2	25.1	37.7
92	19.0	15.0	22.6

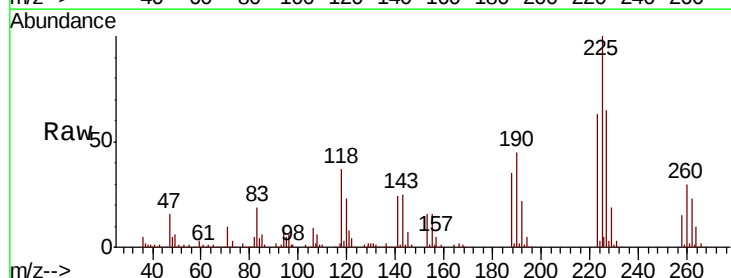


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

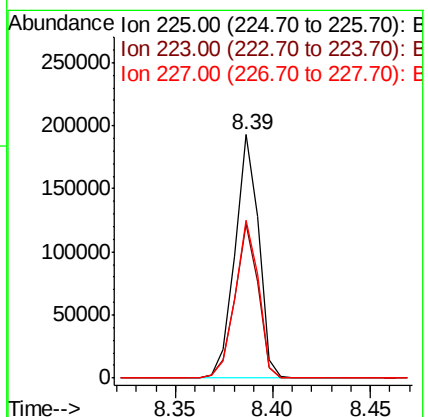
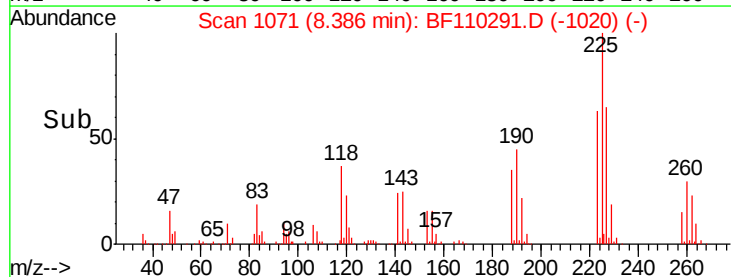


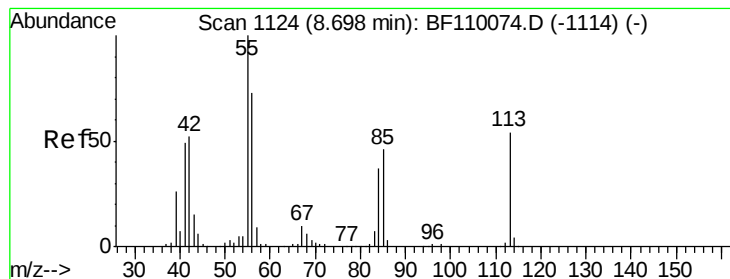
#34
Hexachlorobutadiene
Concen: 43.358 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Tgt Ion:	225	Resp:	161953
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.4	77.2
227	64.6	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.758 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampled :

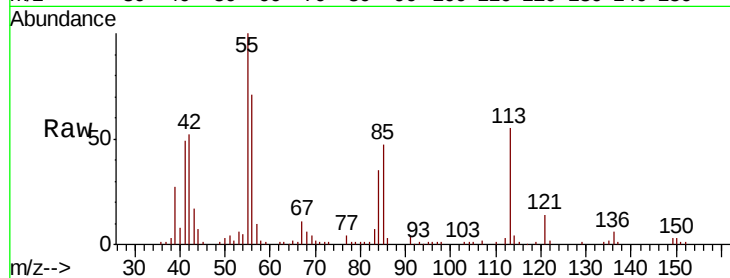
Tot Ion:113 Resp: 72759

Ion Ratio Lower Upper

113 100

55 181.6 142.8 182.8

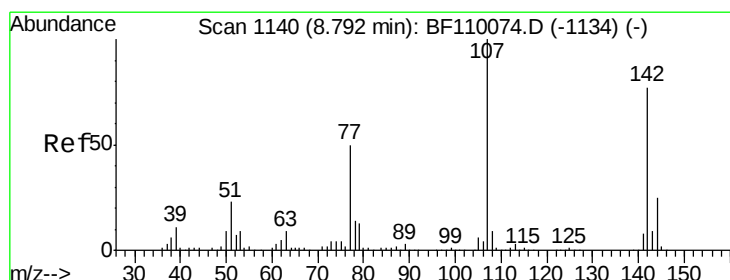
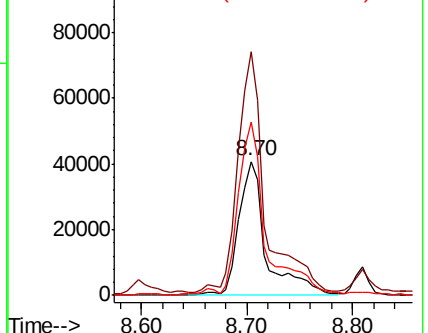
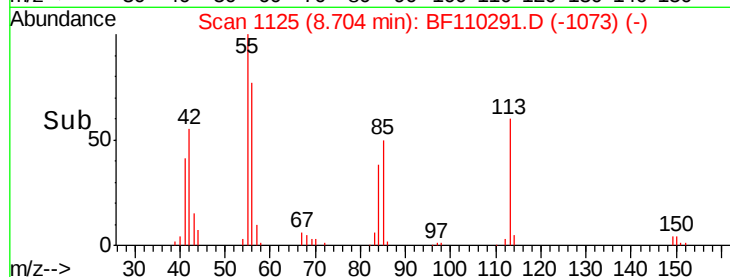
56 129.4 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.458 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

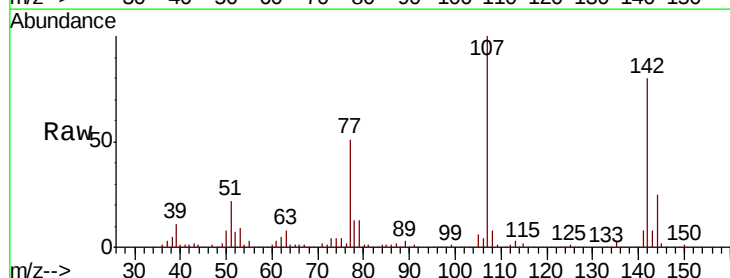
Tgt Ion:107 Resp: 269245

Ion Ratio Lower Upper

107 100

144 25.3 20.0 30.0

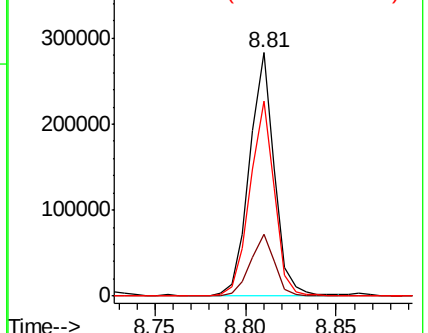
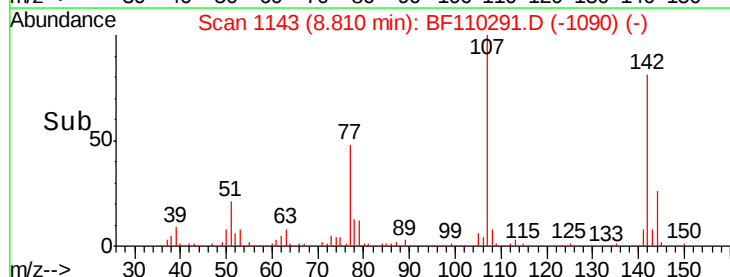
142 80.1 59.7 89.5

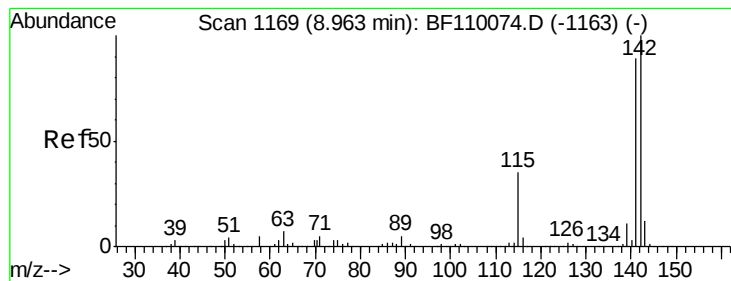


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

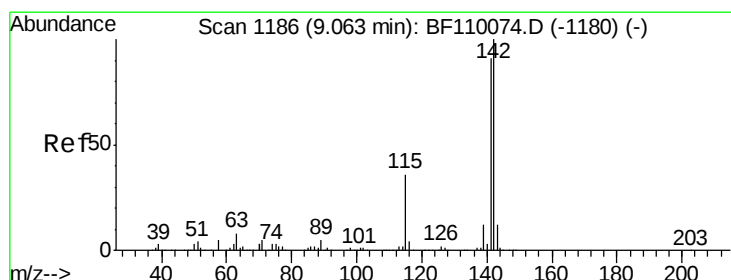
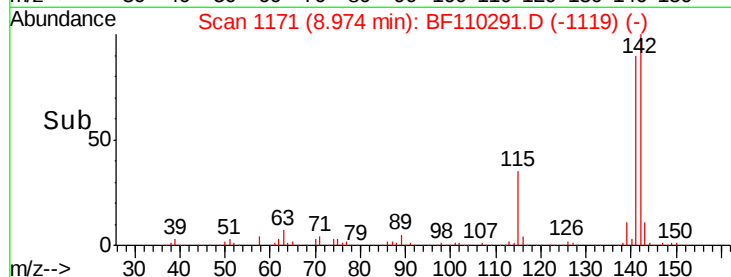
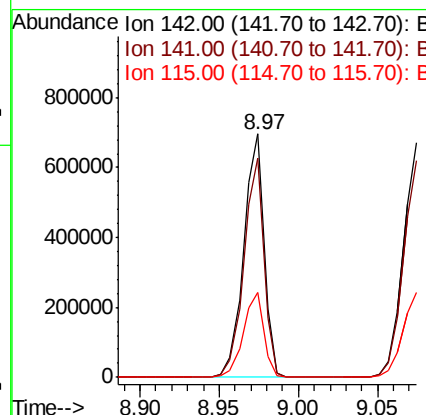
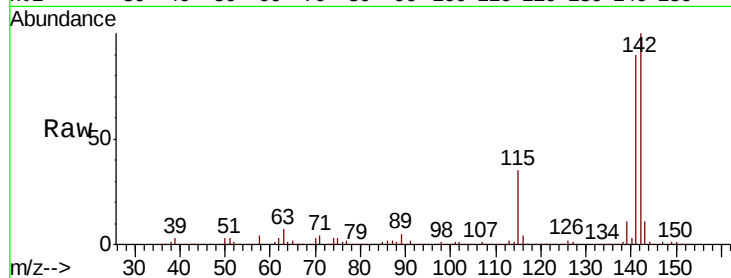




#37
2-Methylnaphthalene
Concen: 46.945 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

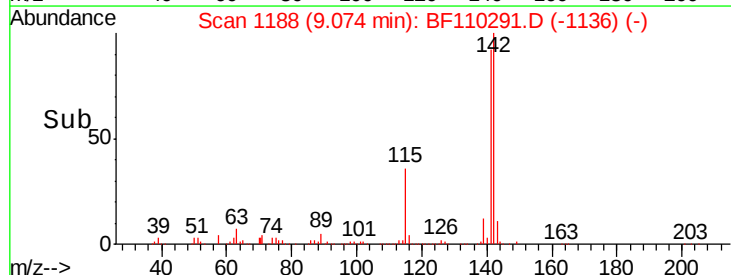
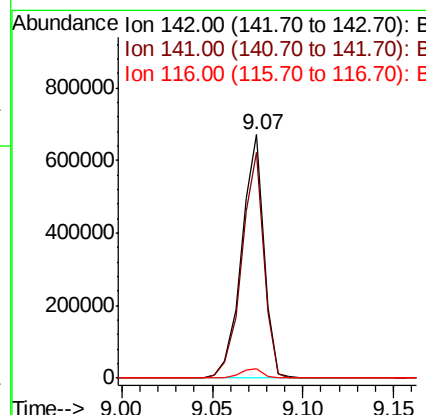
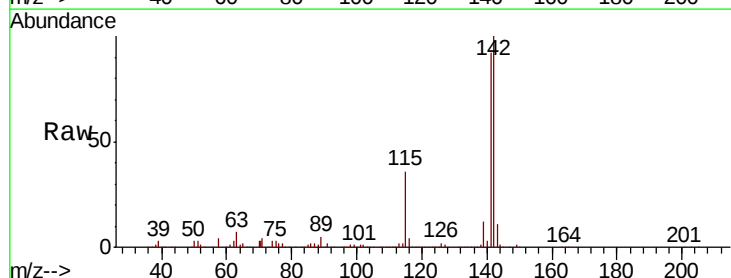
Instrument :
BNA_F
ClientSampleId :

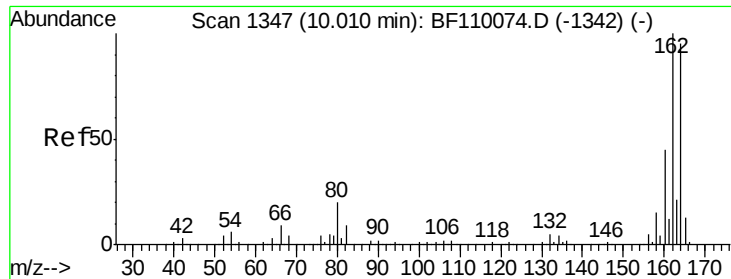
Tot Ion:142 Resp: 619676
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.2
115 34.8 28.7 43.1



#38
1-Methylnaphthalene
Concen: 44.980 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Tgt Ion:142 Resp: 573773
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.4
116 3.6 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampleId :

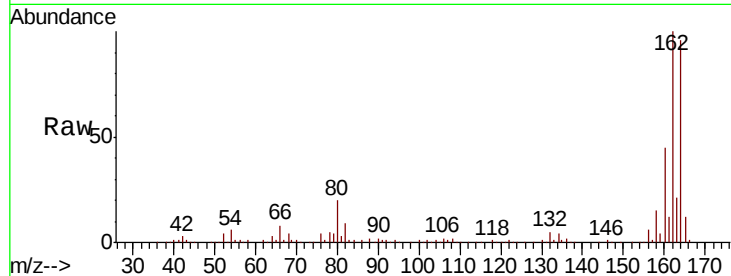
Tot Ion:164 Resp: 179084

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

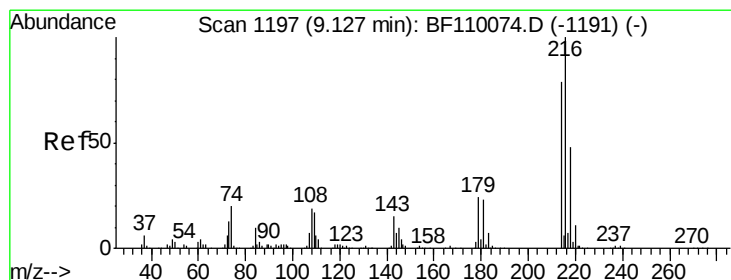
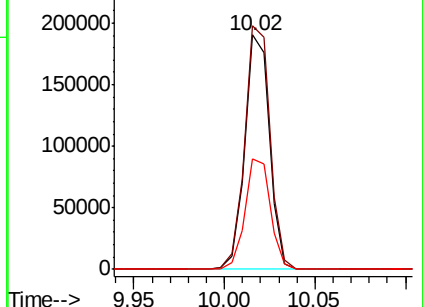
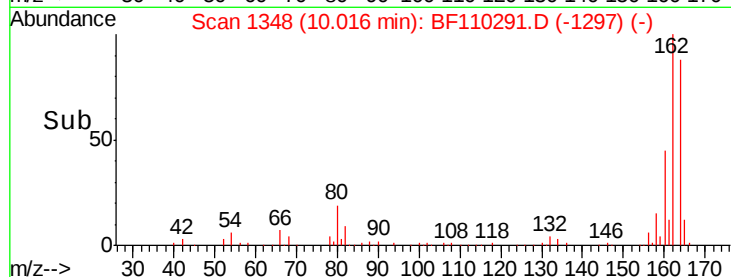
160 47.1 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.272 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Tgt Ion:216 Resp: 258191

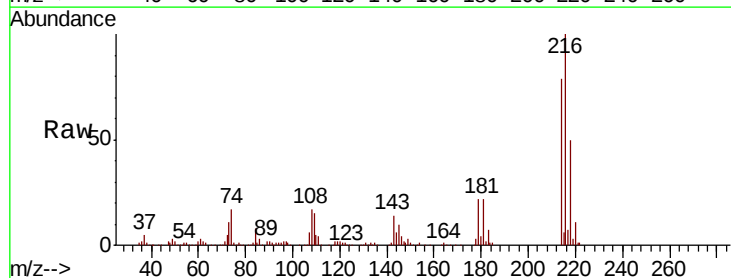
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 23.2 16.6 25.0

108 18.8 15.1 22.7

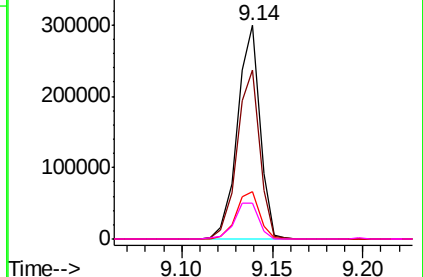
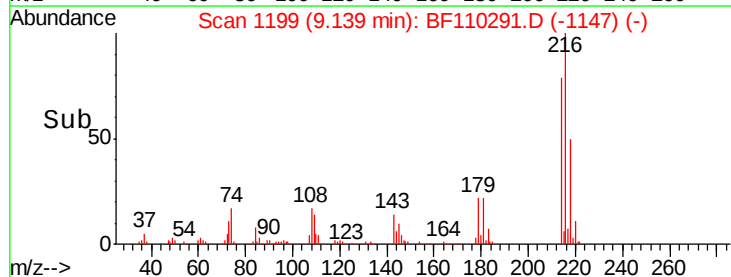


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 4.051 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampleId :

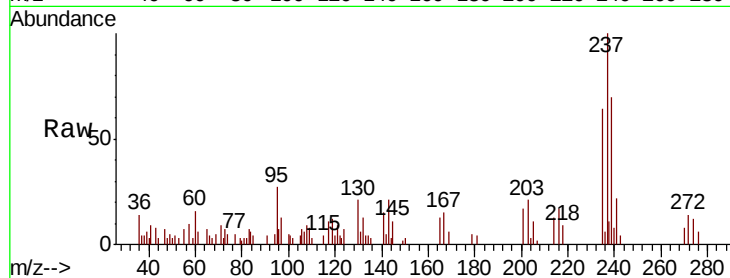
Tot Ion:237 Resp: 11557

Ion Ratio Lower Upper

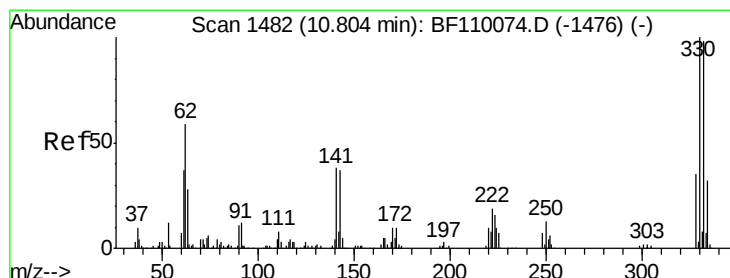
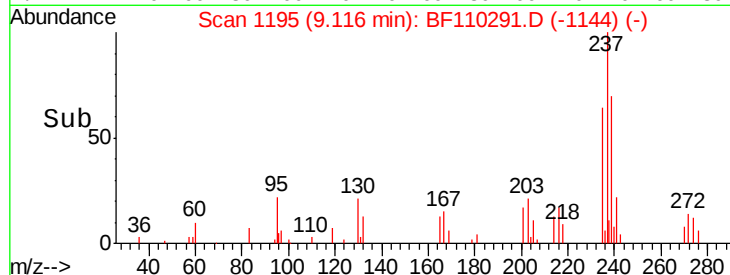
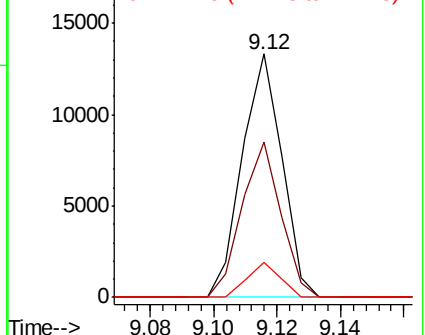
237 100

235 63.8 43.1 83.1

272 14.1 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 107.645 ng

RT: 10.82 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

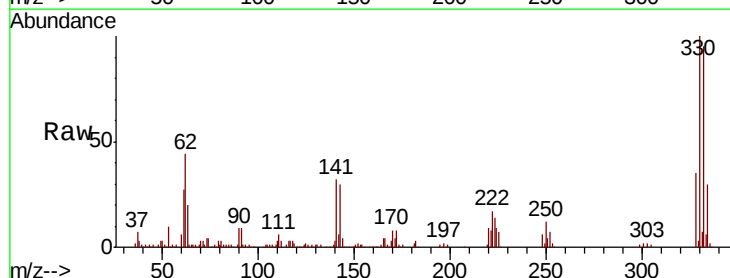
Tgt Ion:330 Resp: 190956

Ion Ratio Lower Upper

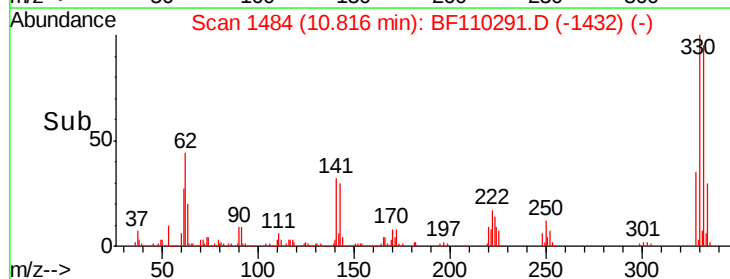
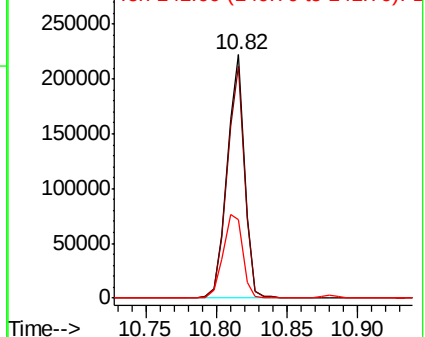
330 100

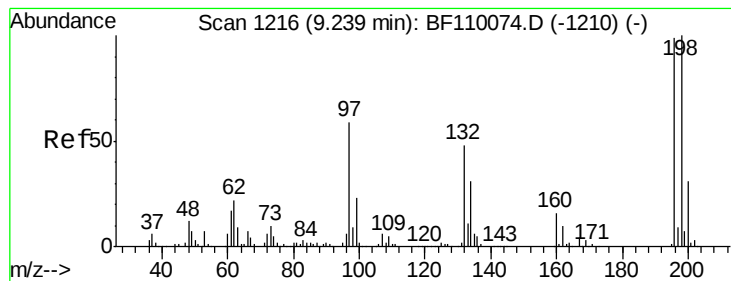
332 96.0 77.1 115.7

141 39.1 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 46.678 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampleId :

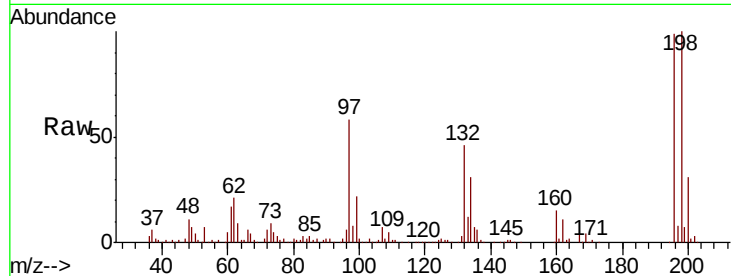
Tot Ion:196 Resp: 167994

Ion Ratio Lower Upper

196 100

198 101.0 76.2 114.4

200 31.7 24.4 36.6

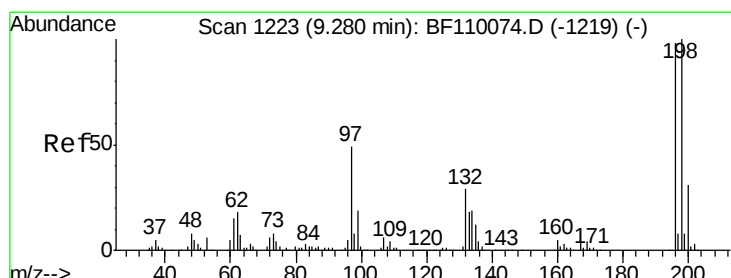
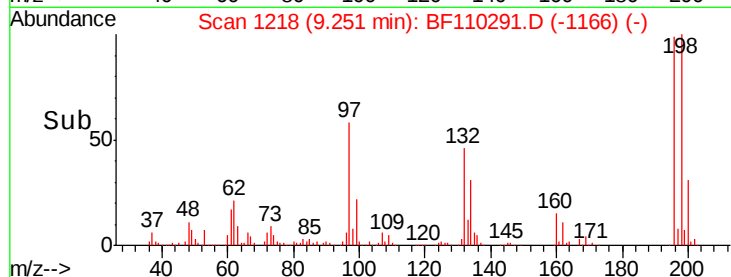
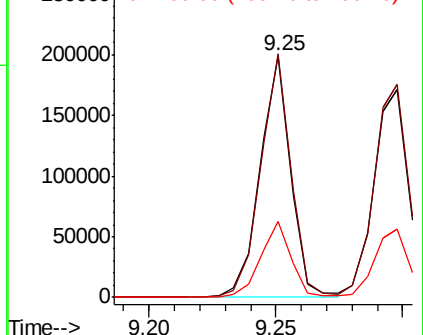


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 44.360 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Tgt Ion:196 Resp: 168757

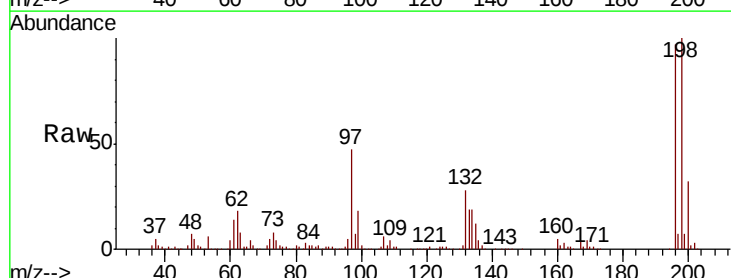
Ion Ratio Lower Upper

196 100

198 102.6 75.8 113.6

97 48.1 42.4 63.6

132 28.9 22.8 34.2



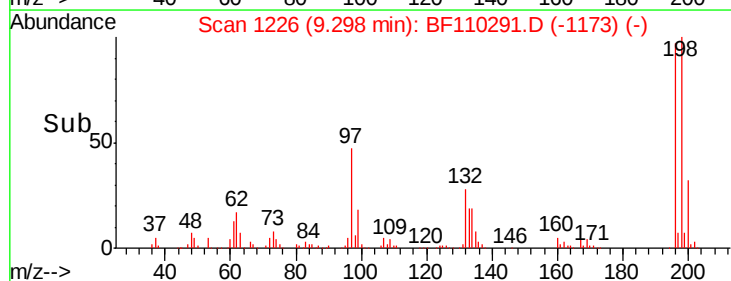
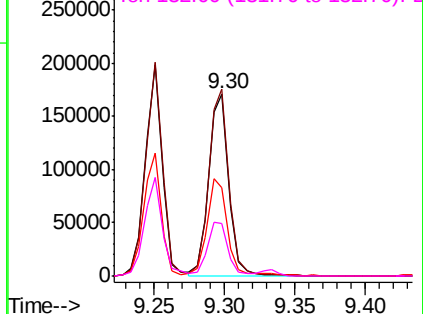
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

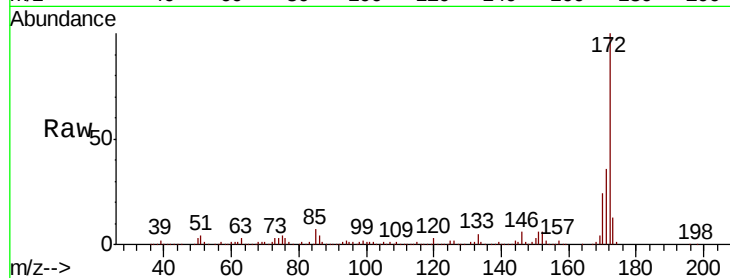




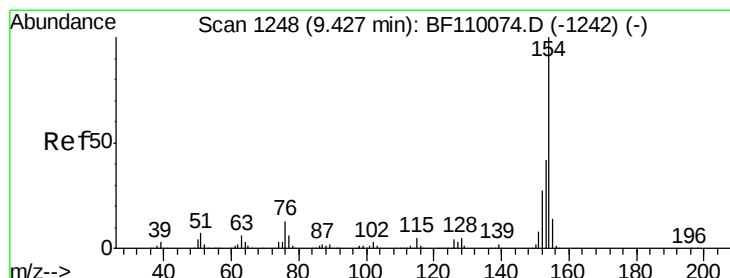
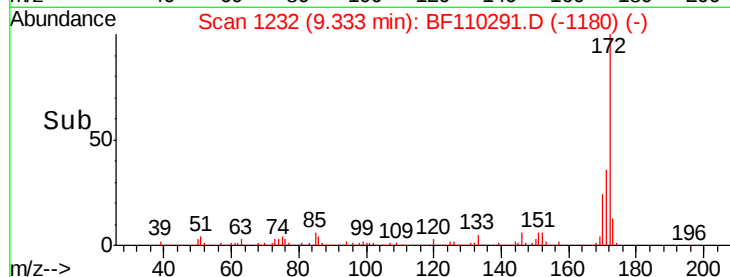
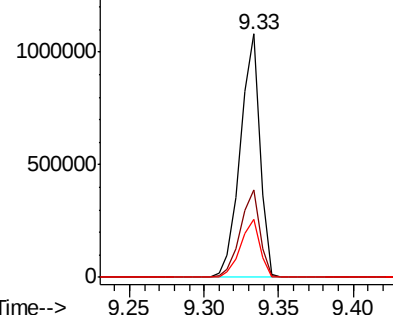
#45
2-Fluorobiphenyl
Concen: 85.555 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 975730
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.1 19.7 29.5

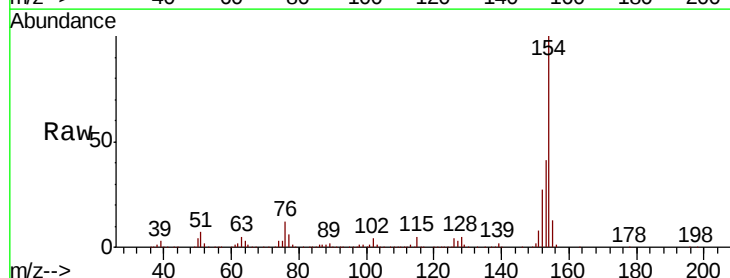


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

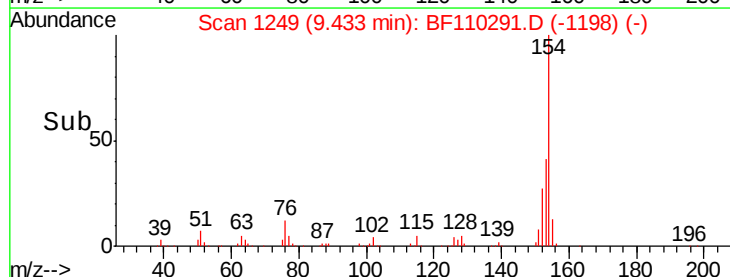
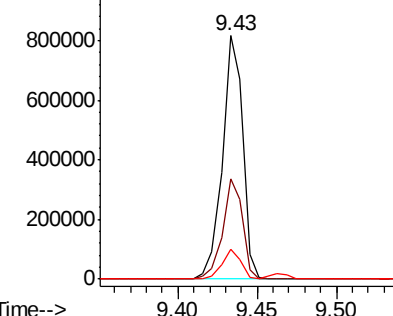


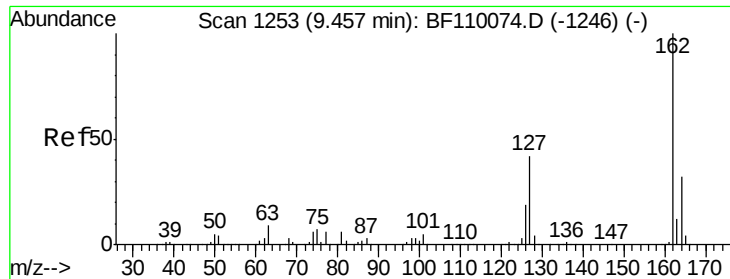
#46
1,1'-Biphenyl
Concen: 44.613 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Tgt Ion:154 Resp: 722477
Ion Ratio Lower Upper
154 100
153 41.4 20.4 60.4
76 12.2 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

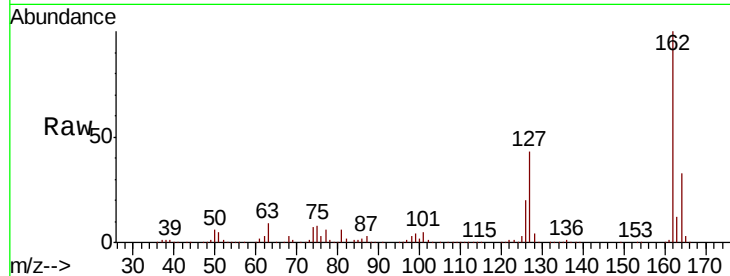




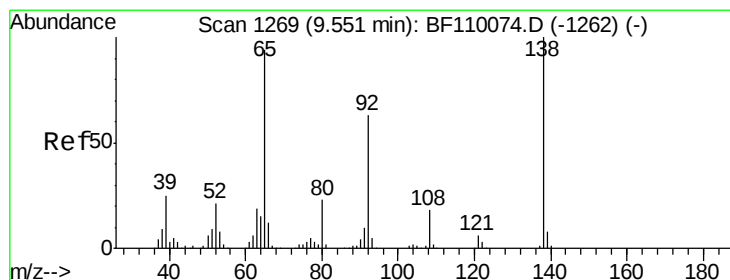
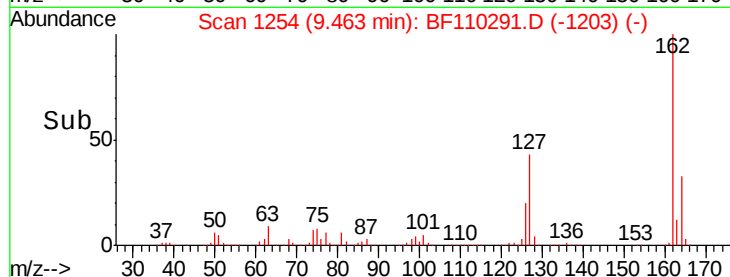
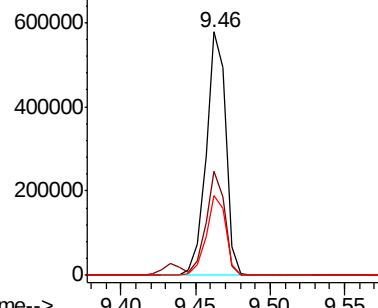
#47
2-Chloronaphthalene
Concen: 45.200 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	32.6	48.8
164	32.7	25.9	38.9

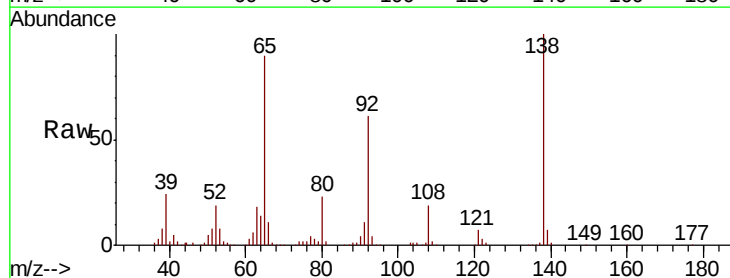


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

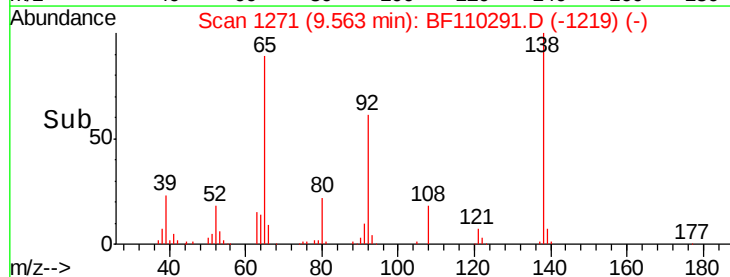
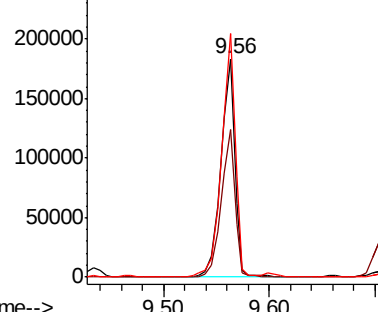


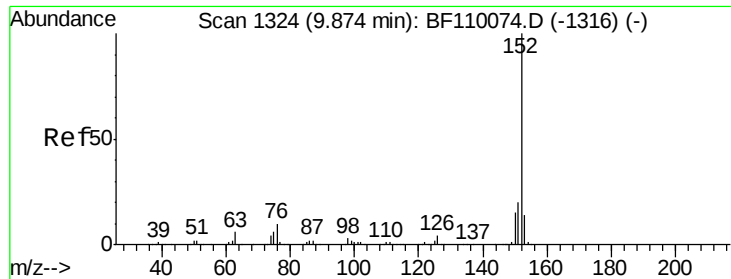
#48
2-Nitroaniline
Concen: 46.819 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.6	81.8
138	111.7	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.749 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampleId :

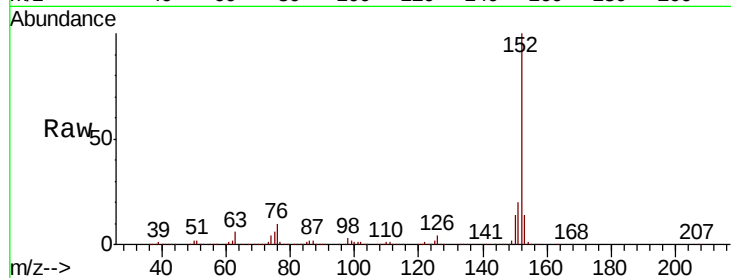
Tot Ion:152 Resp: 784953

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

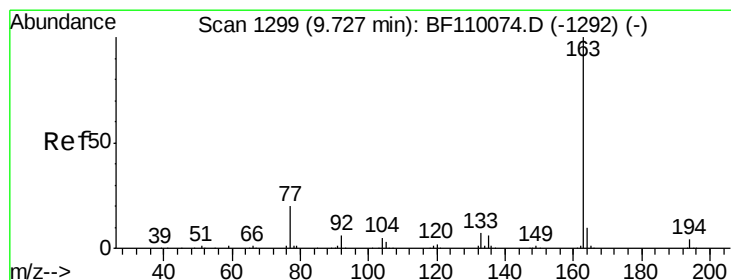
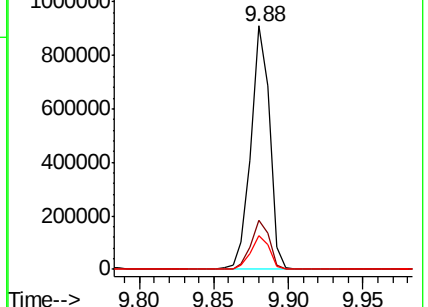
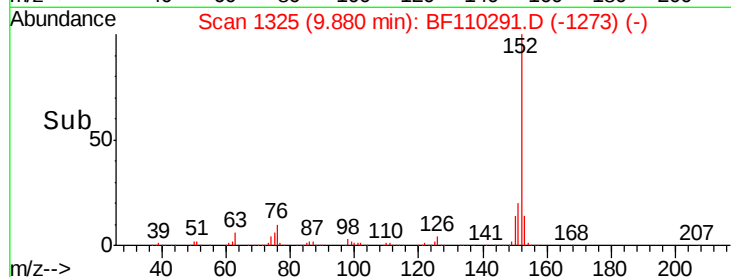
153 13.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 62.048 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

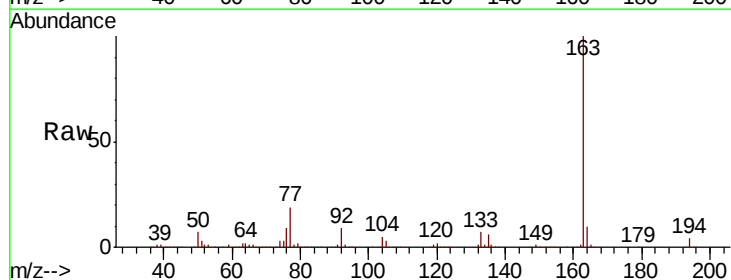
Tgt Ion:163 Resp: 820248

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

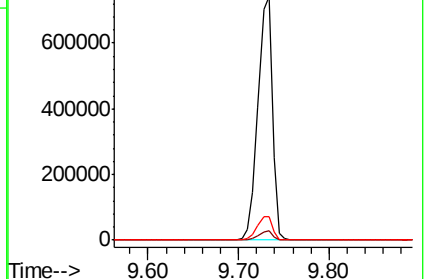
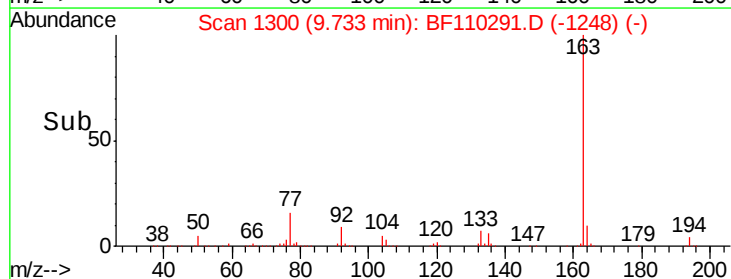
164 9.7 8.1 12.1

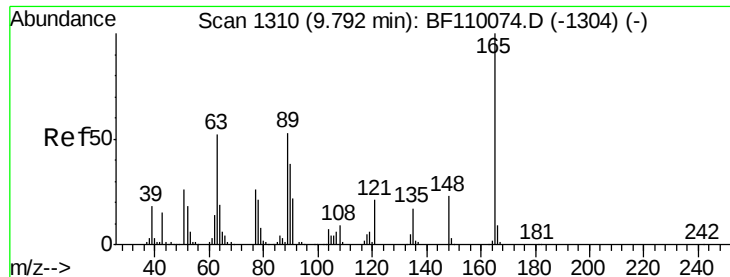


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.444 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampleId :

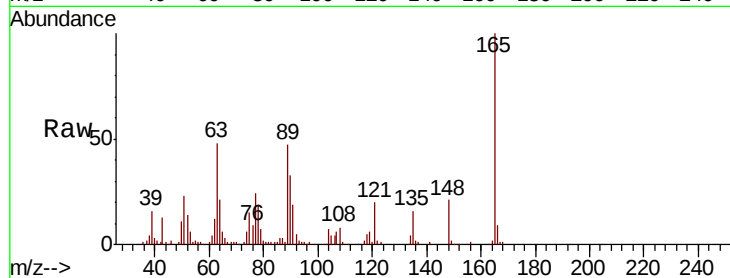
Tot Ion:165 Resp: 118013

Ion Ratio Lower Upper

165 100

63 47.5 48.9 73.3#

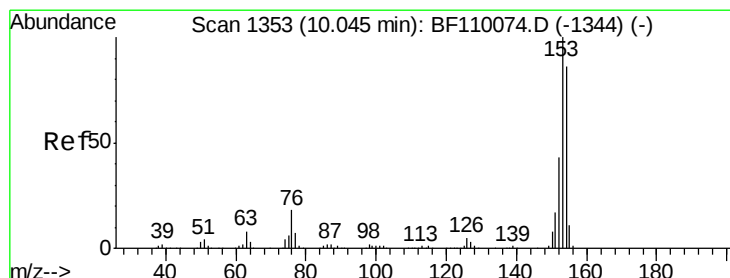
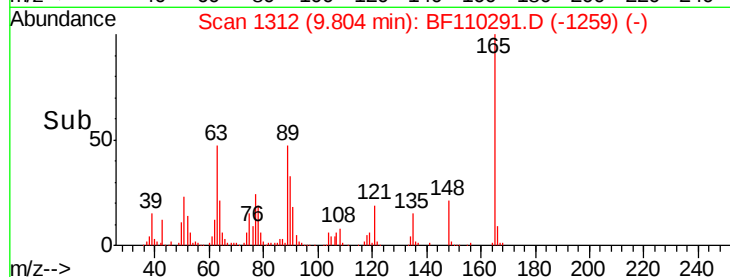
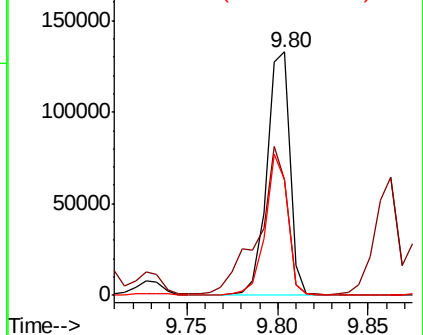
89 47.4 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 43.259 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

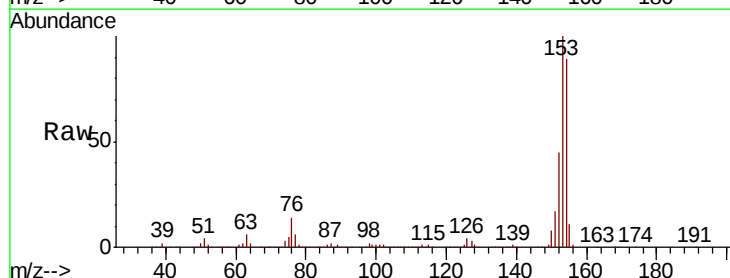
Tgt Ion:154 Resp: 491022

Ion Ratio Lower Upper

154 100

153 112.6 90.1 135.1

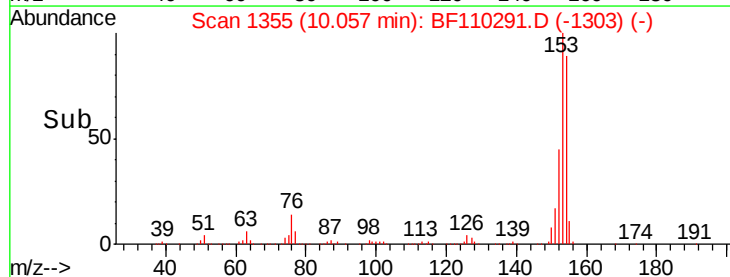
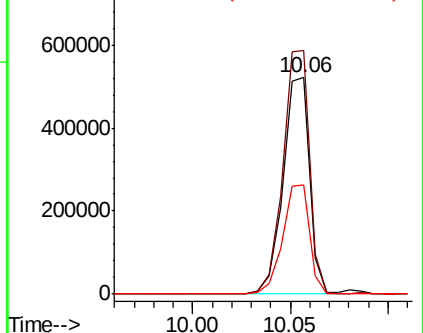
152 50.4 43.4 65.2

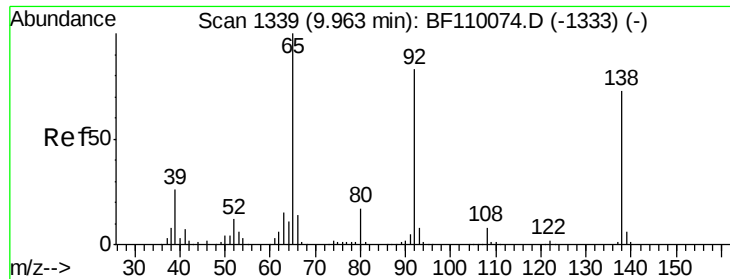


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

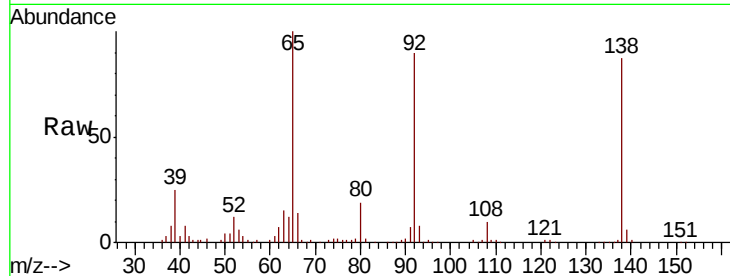




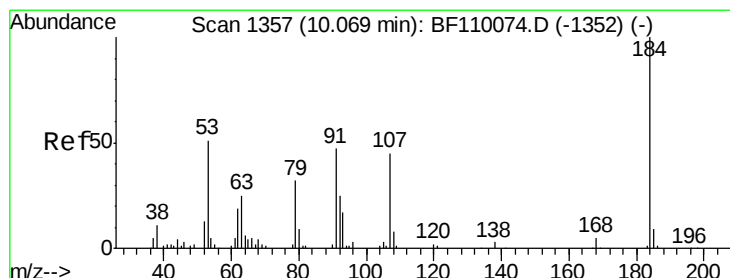
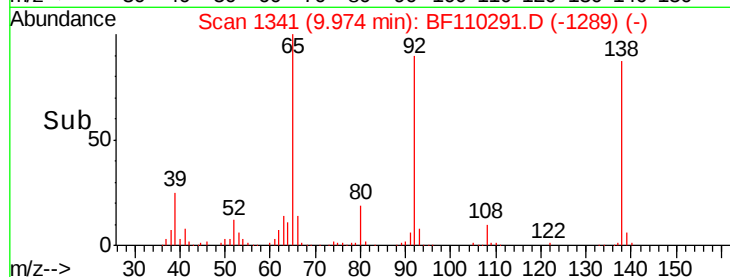
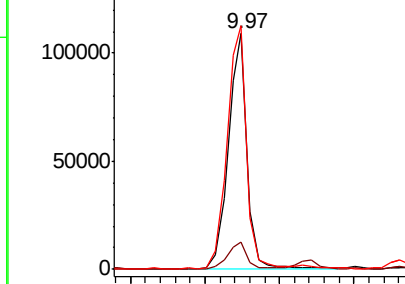
#53
3-Nitroaniline
Concen: 28.855 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 97711
Ion Ratio Lower Upper
138 100
108 11.4 8.7 13.1
92 103.4 97.0 145.4

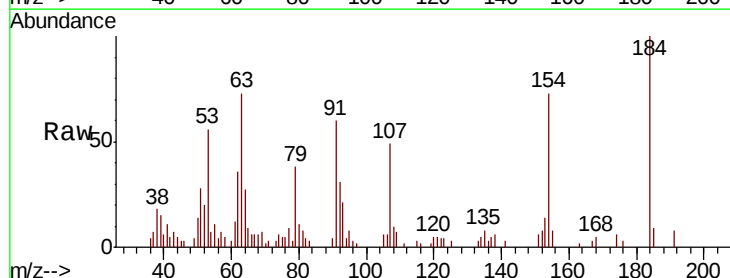


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

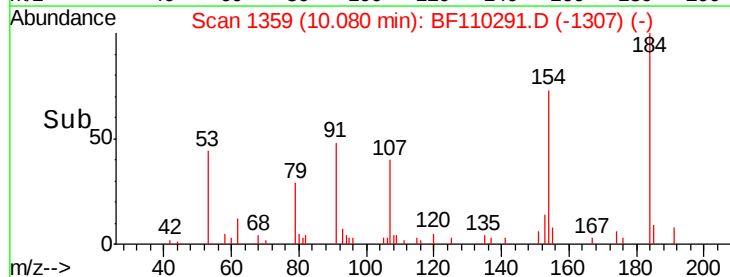
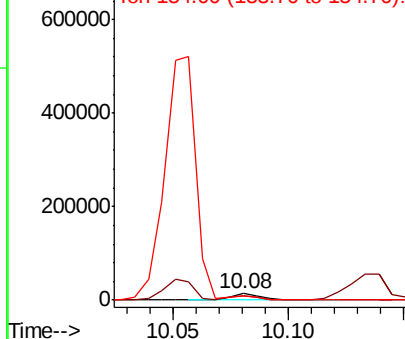


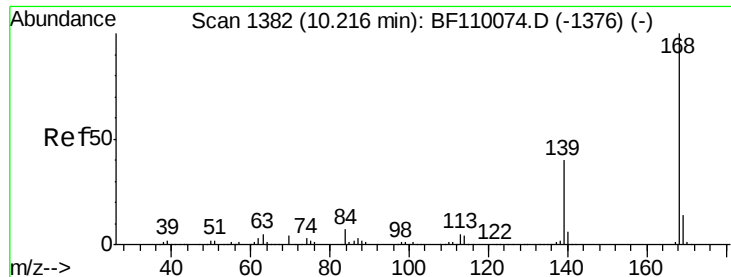
#54
2,4-Dinitrophenol
Concen: 15.395 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Tgt Ion:184 Resp: 12349
Ion Ratio Lower Upper
184 100
63 73.4 55.8 83.6
154 72.9 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

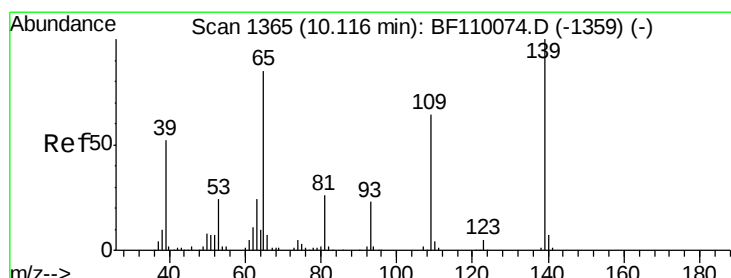
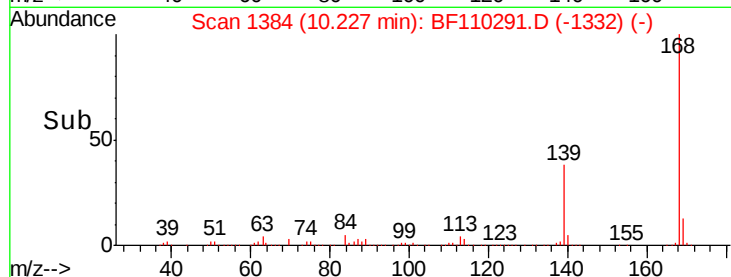
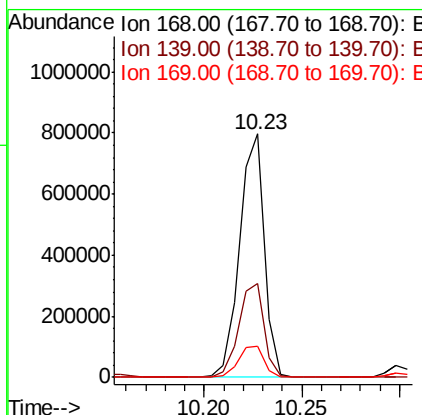
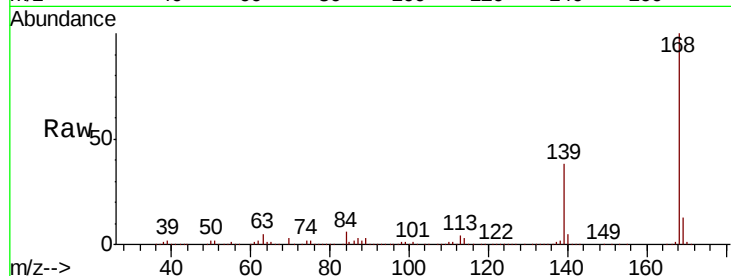




#55
Dibenzenofuran
Concen: 43.928 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

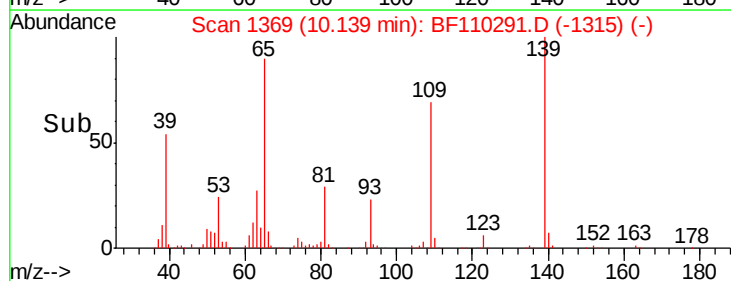
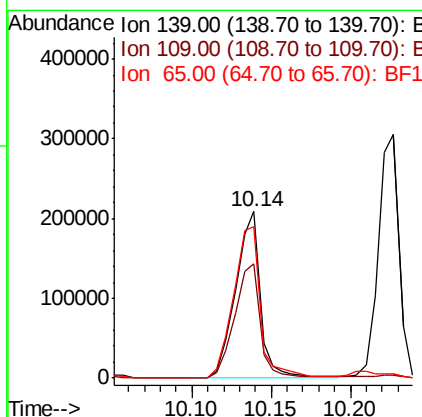
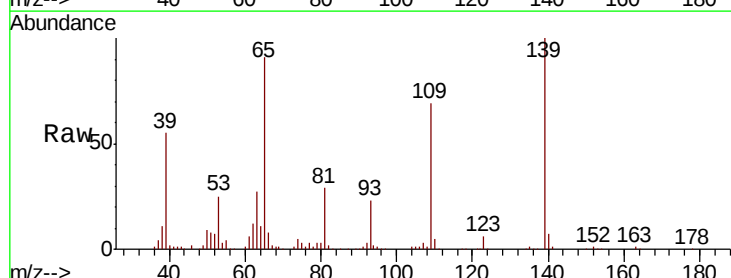
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 698099
Ion Ratio Lower Upper
168 100
139 38.3 33.0 49.6
169 12.9 11.3 16.9



#56
4-Nitrophenol
Concen: 89.814 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.02 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Tgt Ion:139 Resp: 225095
Ion Ratio Lower Upper
139 100
109 68.8 55.8 95.8
65 90.8 77.9 117.9

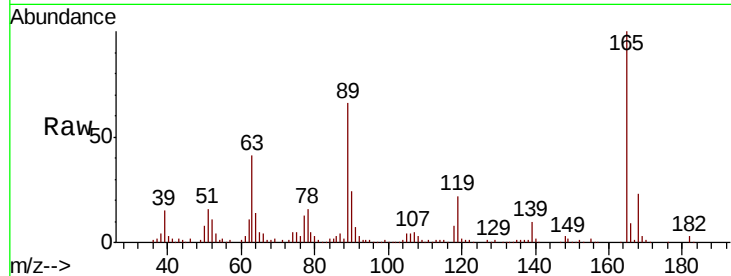




#57
2,4-Dinitrotoluene
Concen: 38.706 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.5	44.8	67.2#
89	66.3	62.2	93.4
182	2.8	2.1	3.1



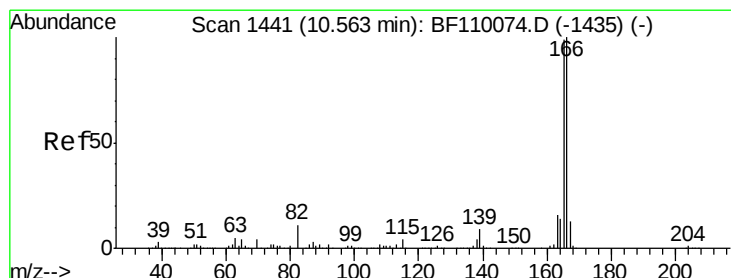
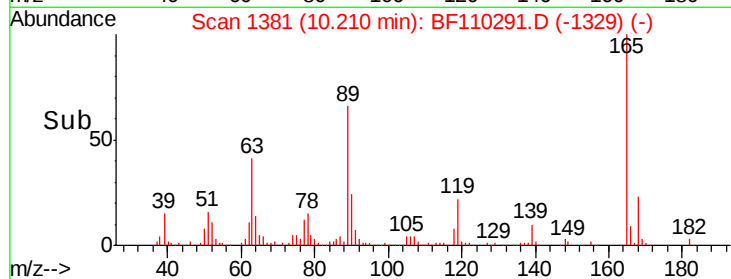
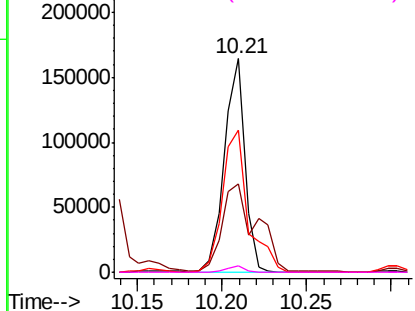
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

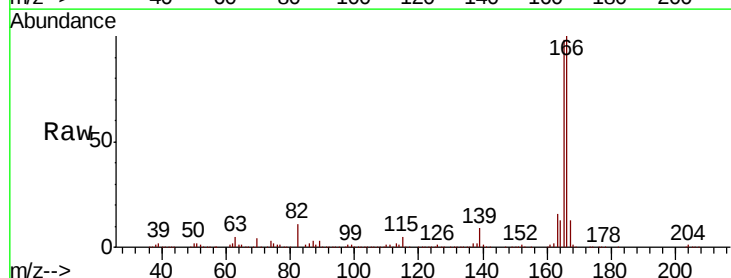
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.430 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	117.8
167	13.2	10.8	16.2

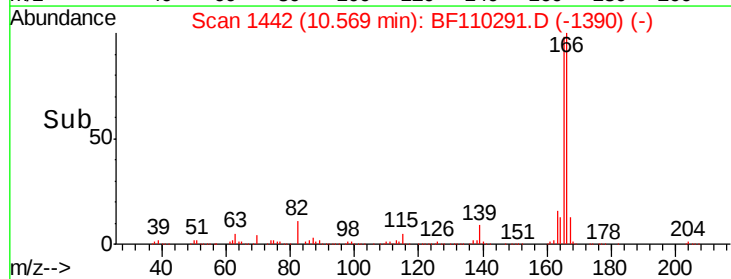
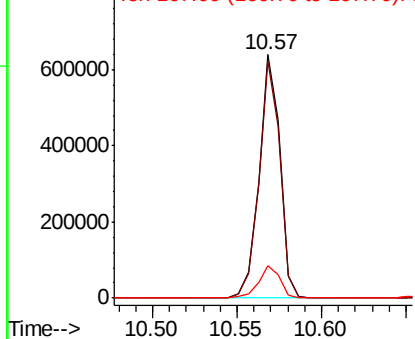


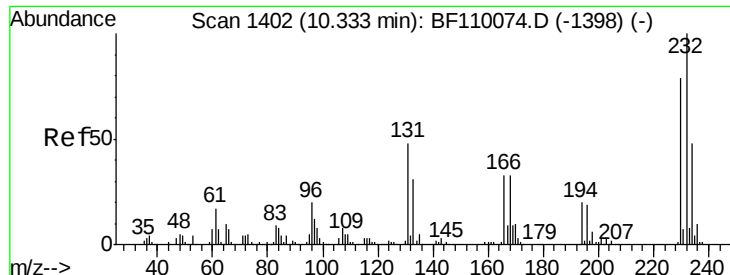
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

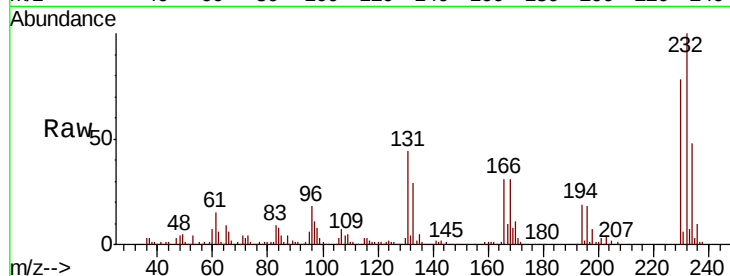




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.642 ng
RT: 10.34 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.1	37.0	55.4
130	2.6	1.8	2.6
166	32.0	22.0	33.0



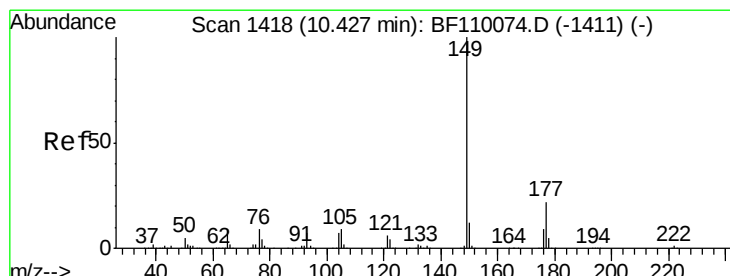
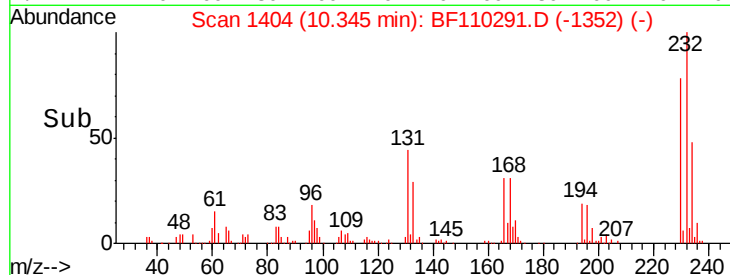
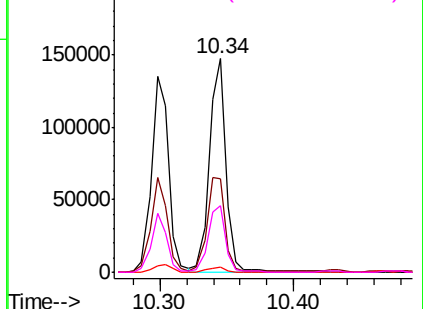
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

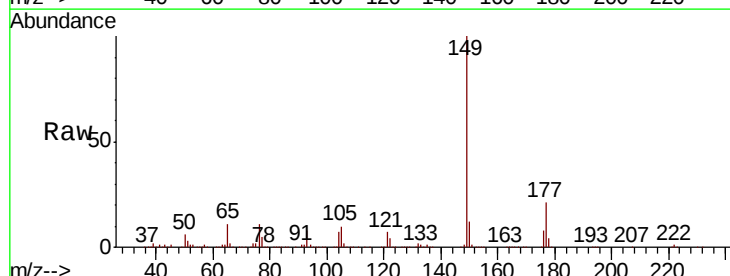
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 46.235 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.4	26.2
150	12.3	9.8	14.8

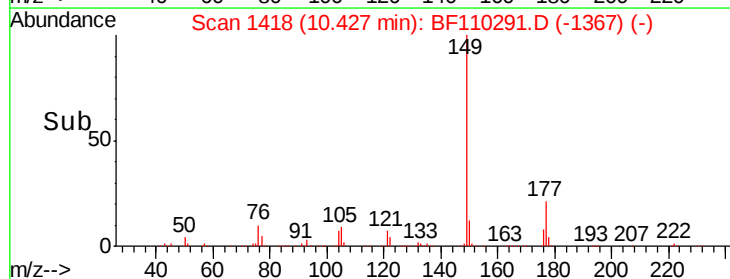
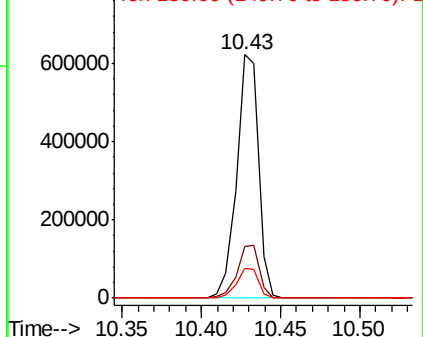


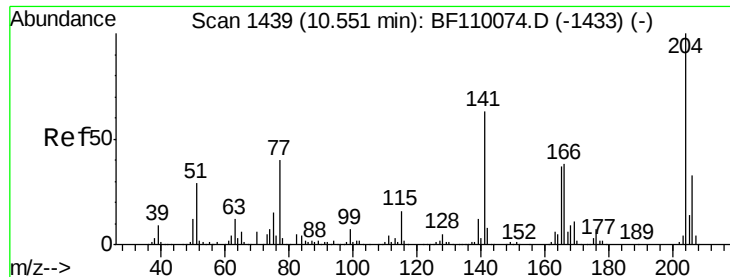
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

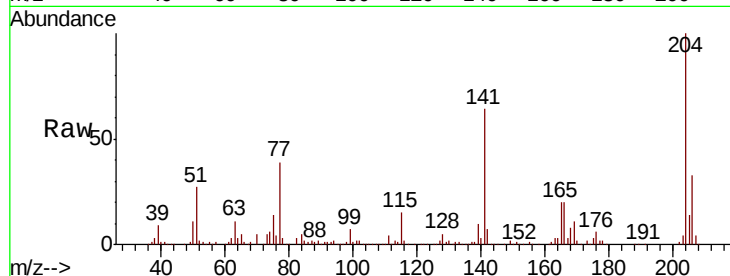




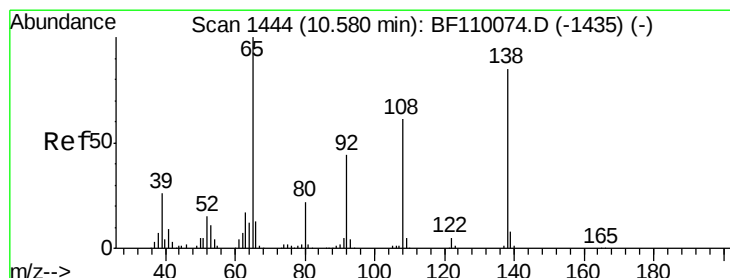
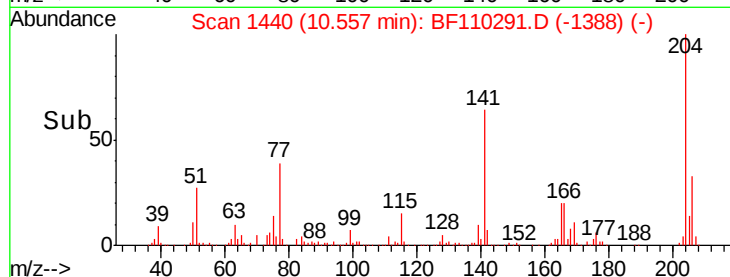
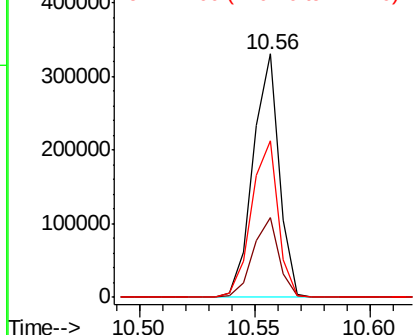
#61
4-Chlorophenyl-phenylether
Concen: 41.956 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 261778
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 64.1 51.8 77.8

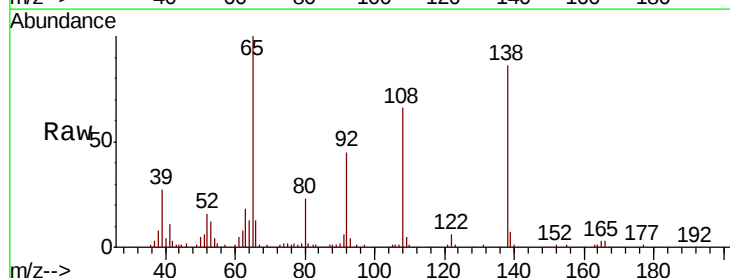


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

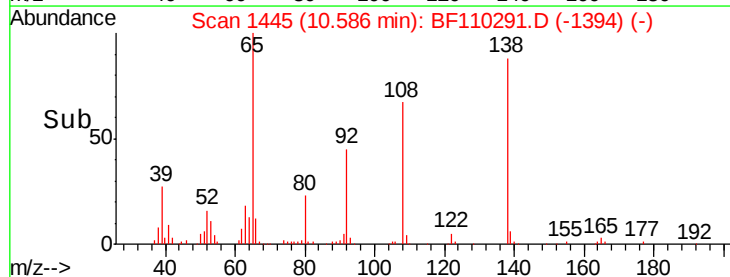
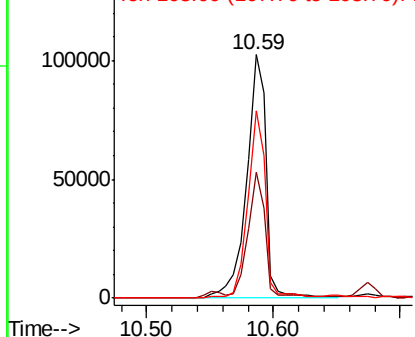


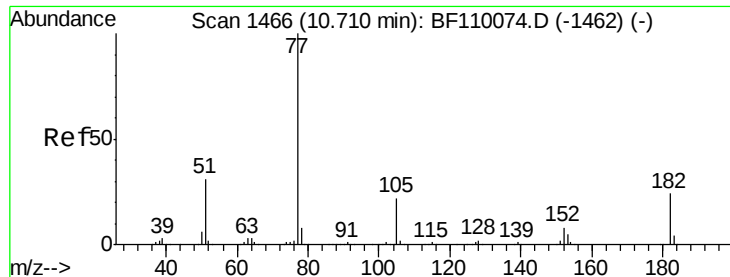
#62
4-Nitroaniline
Concen: 32.659 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Tgt Ion:138 Resp: 109995
Ion Ratio Lower Upper
138 100
92 51.5 31.7 71.7
108 76.8 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.686 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 521148

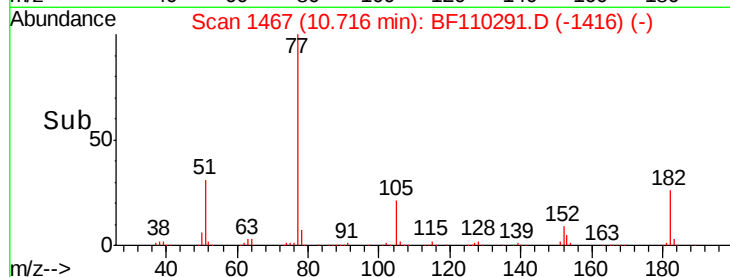
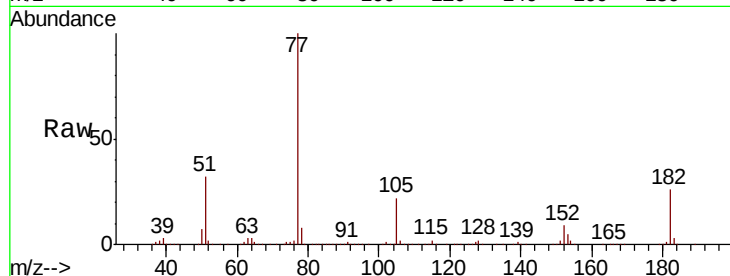
Ion	Ratio	Lower	Upper
77	100		
182	25.7	4.3	44.3
105	22.0	1.3	41.3
51	31.6	9.0	49.0

77 100

182 25.7 4.3 44.3

105 22.0 1.3 41.3

51 31.6 9.0 49.0

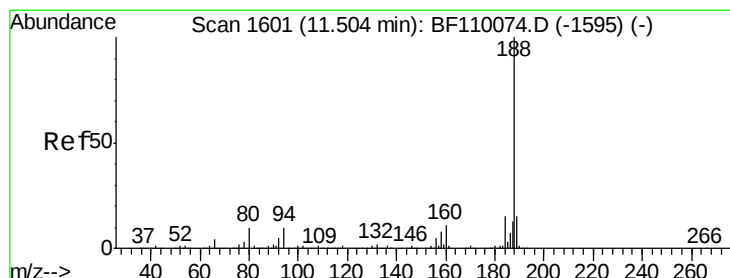
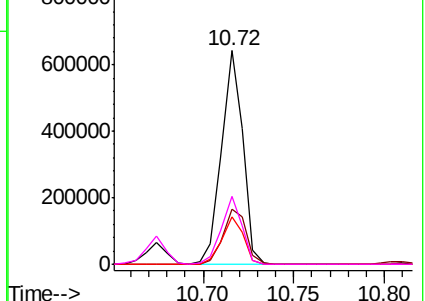


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

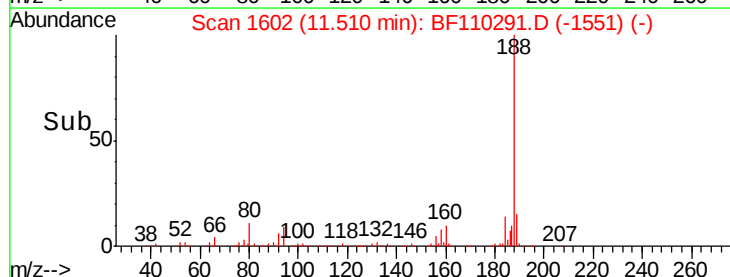
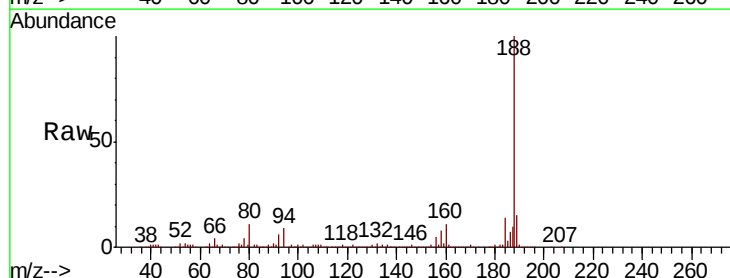
Tgt Ion: 188 Resp: 276036

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.7	7.9	11.9

188 100

94 9.0 7.2 10.8

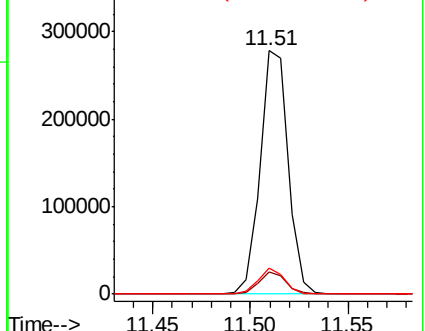
80 10.7 7.9 11.9

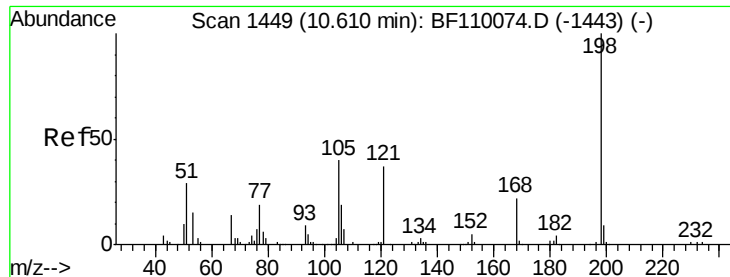


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

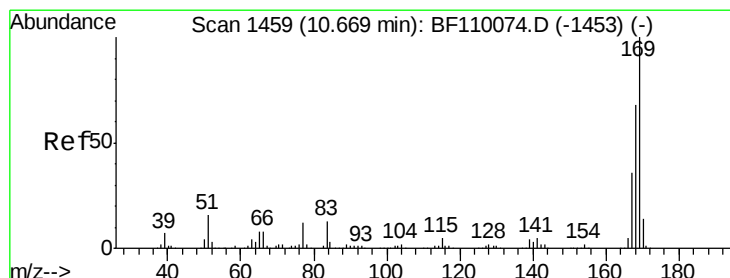
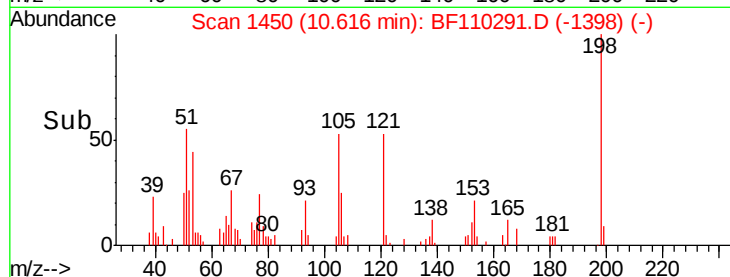
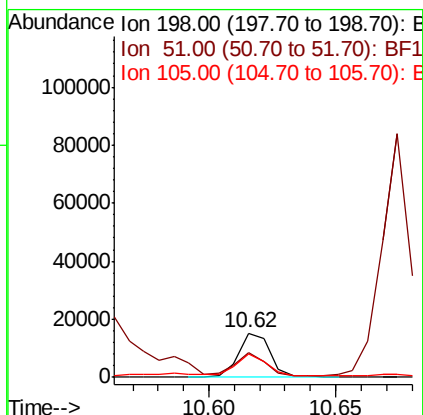
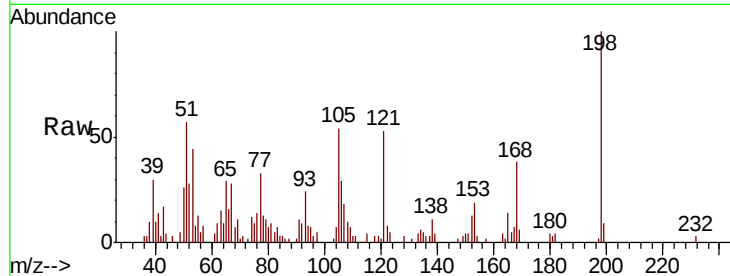




#65
 4,6-Dinitro-2-methylphenol
 Concen: 10.571 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

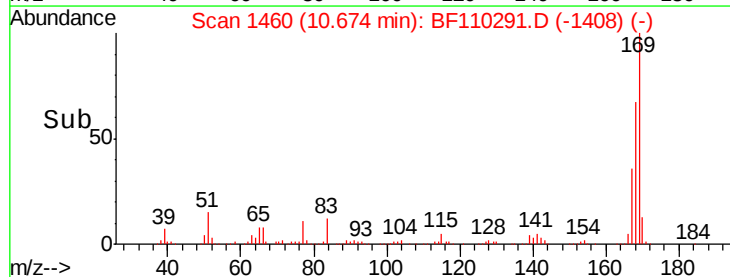
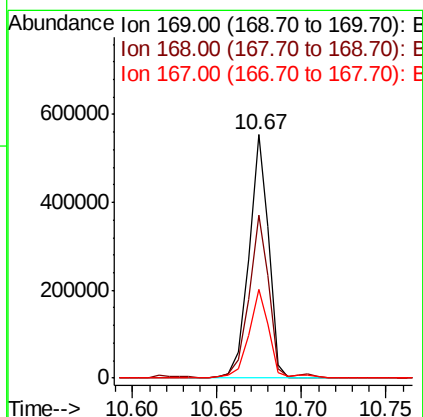
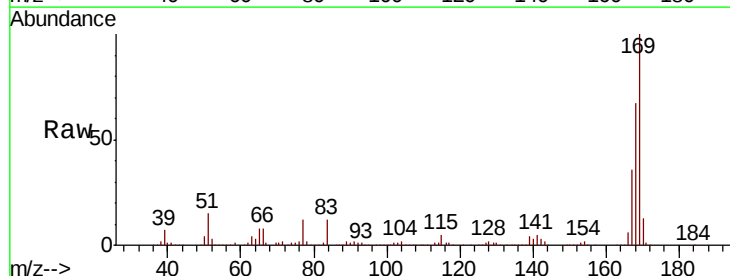
Instrument :
 BNA_F
 ClientSampleId :

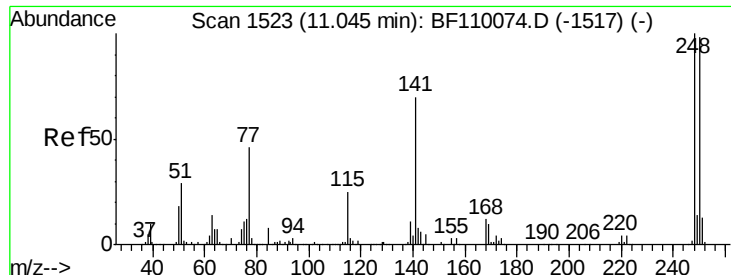
Tot Ion:198 Resp: 13332
 Ion Ratio Lower Upper
 198 100
 51 56.9 22.8 62.8
 105 53.9 23.6 63.6



#66
 n-Nitrosodiphenylamine
 Concen: 49.606 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

Tgt Ion:169 Resp: 449129
 Ion Ratio Lower Upper
 169 100
 168 67.0 51.2 76.8
 167 36.4 27.8 41.6



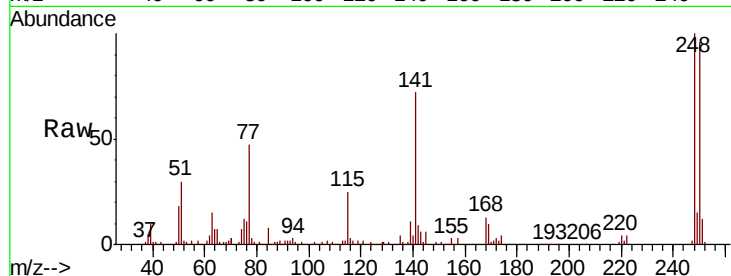


#67
 4-Bromophenyl-phenylether
 Concen: 48.466 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

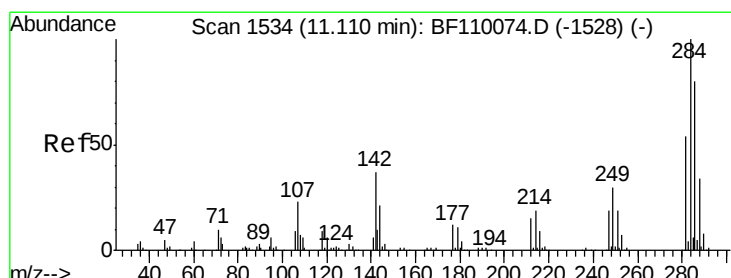
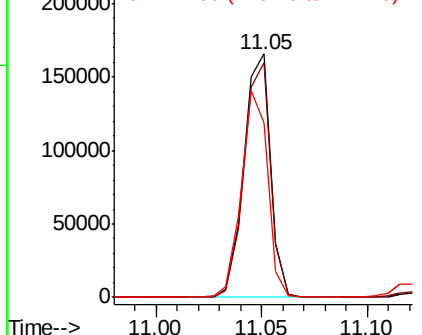
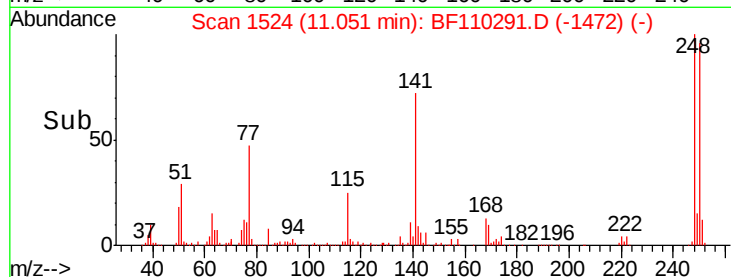
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 145117

Ion	Ratio	Lower	Upper
248	100		
250	96.1	79.4	119.2
141	71.6	55.9	83.9



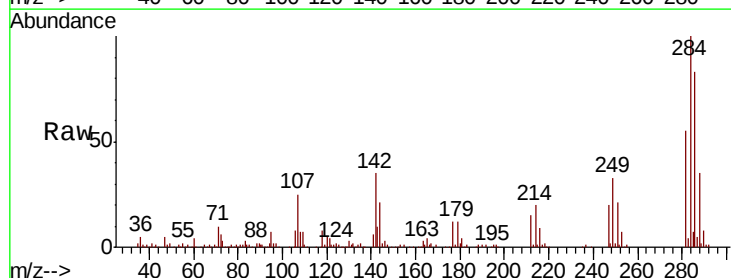
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



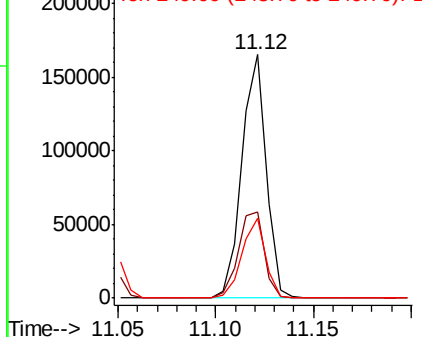
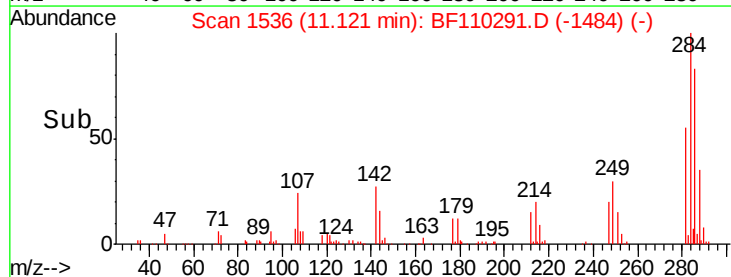
#68
 Hexachlorobenzene
 Concen: 44.913 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

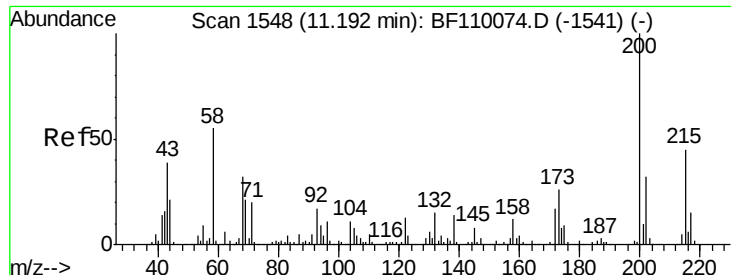
Tgt Ion:284 Resp: 142686

Ion	Ratio	Lower	Upper
284	100		
142	35.4	23.9	35.9
249	32.6	24.2	36.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

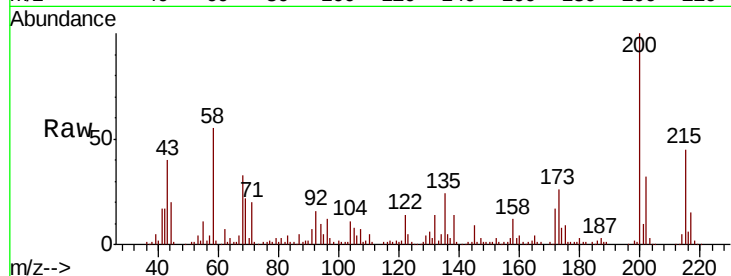




#69
 Atrazine
 Concen: 38.576 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.6	46.6
215	45.0	26.3	66.3

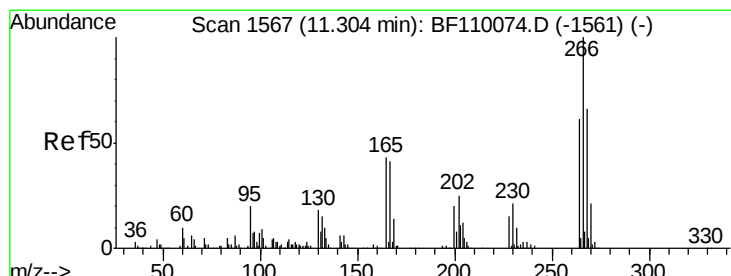
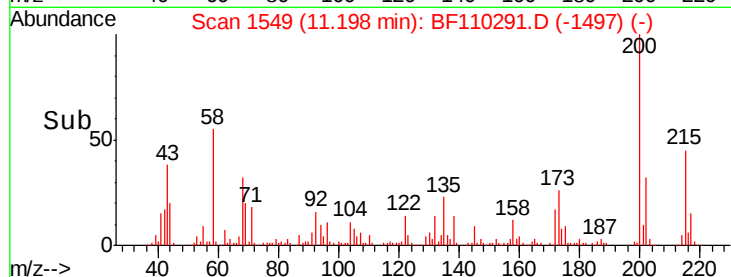
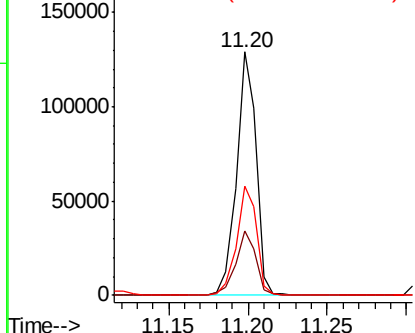


Abundance

Ion 200.00 (199.70 to 200.70): E

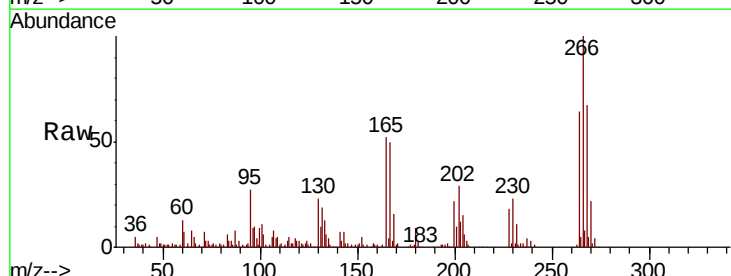
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 67.342 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	50.6	75.8
264	63.7	50.6	75.8

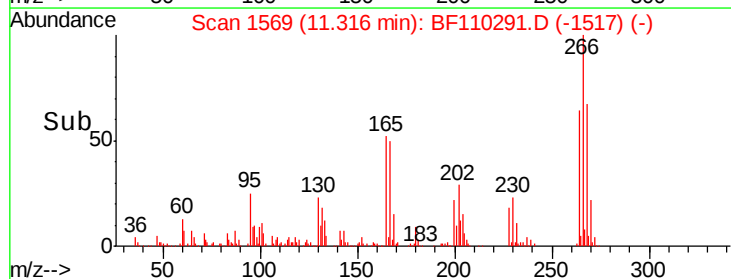
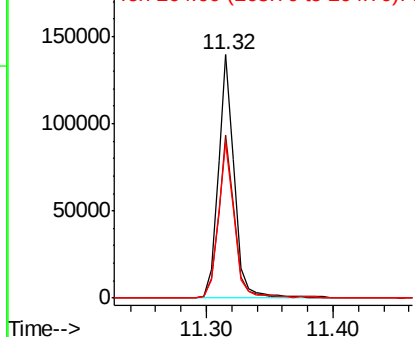


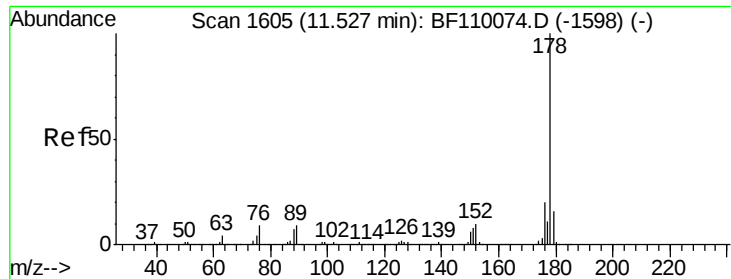
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

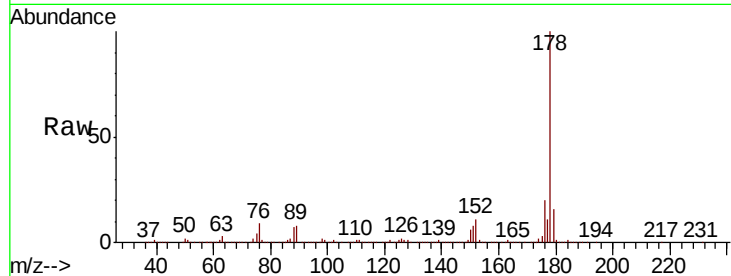




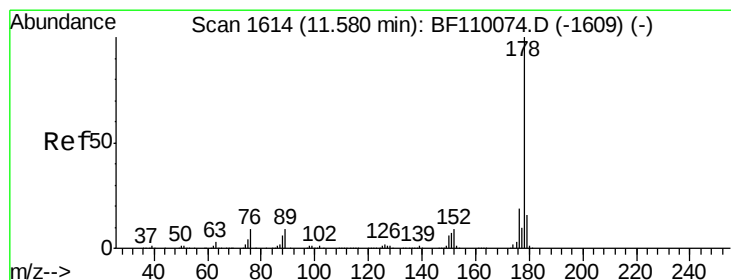
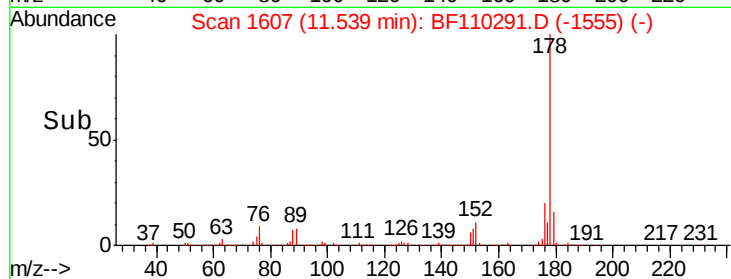
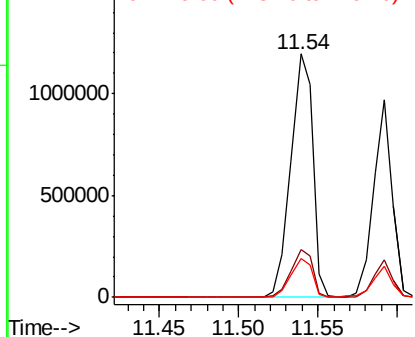
#71
Phenanthrene
Concen: 80.125 ng
RT: 11.54 min Scan# 1607
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1157290
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.7 12.5 18.7

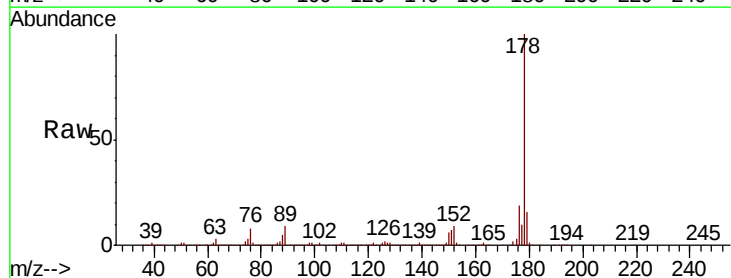


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

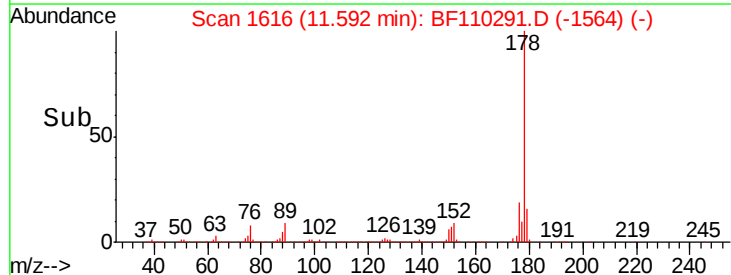
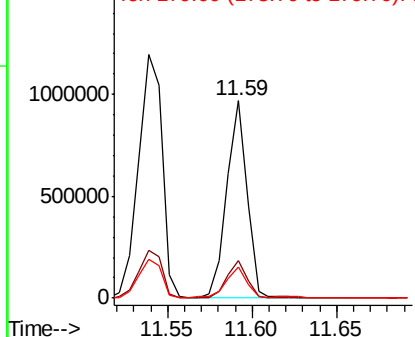


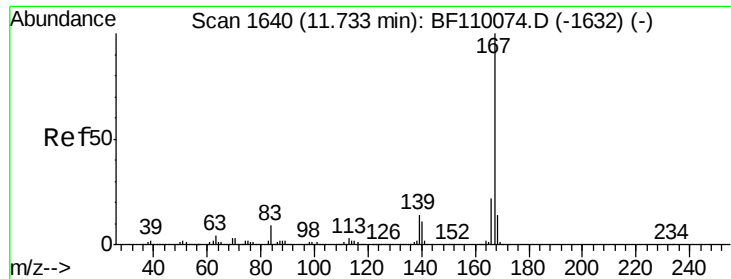
#72
Anthracene
Concen: 55.635 ng
RT: 11.59 min Scan# 1616
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Tgt Ion:178 Resp: 805447
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

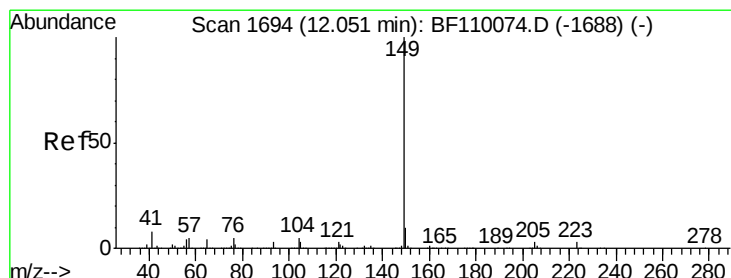
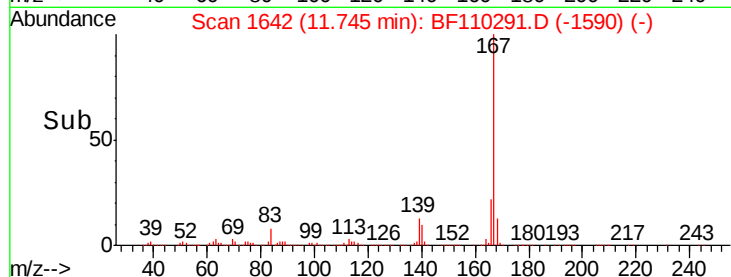
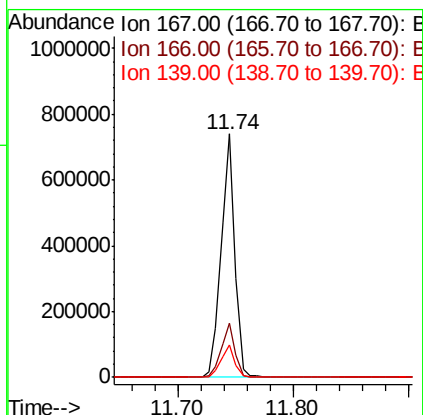
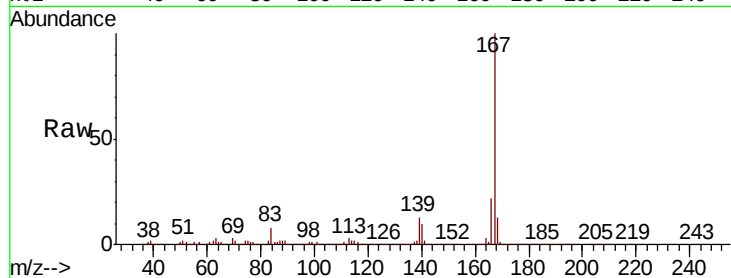




#73
 Carbazole
 Concen: 43.096 ng
 RT: 11.74 min Scan# 1642
 Delta R.T. 0.01 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

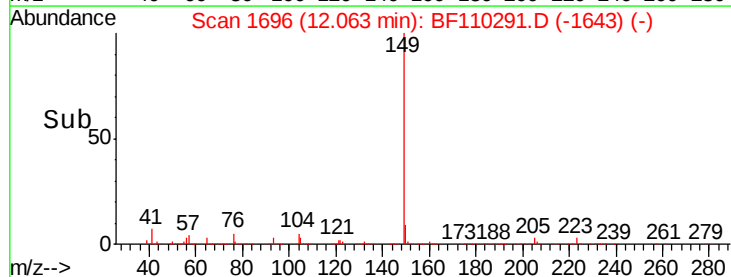
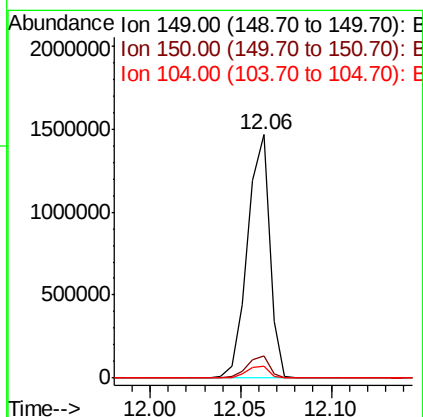
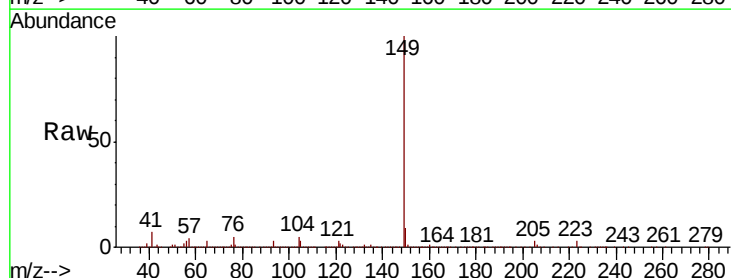
Instrument :
 BNA_F
 ClientSampleId :

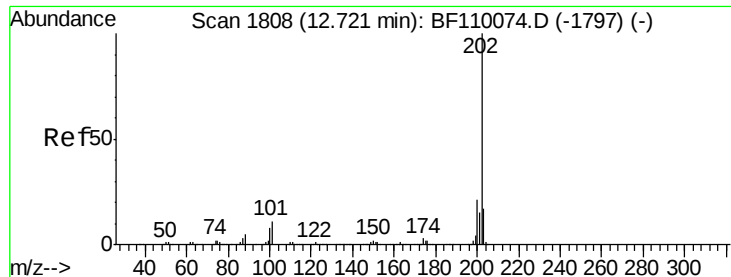
Tot Ion:167 Resp: 609177
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 13.4 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 78.099 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. 0.01 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

Tgt Ion:149 Resp: 1246825
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.9 4.2 6.4





#75

Fluoranthene

Concen: 101.324 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampleId :

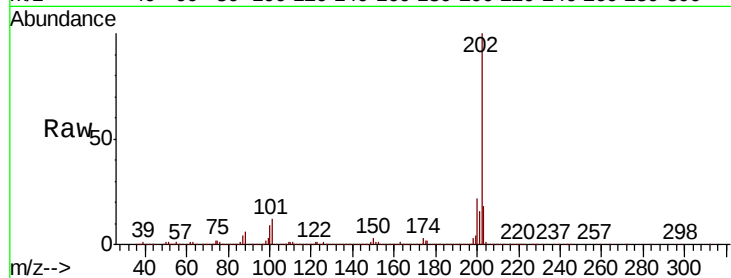
Tot Ion:202 Resp: 1485256

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.4

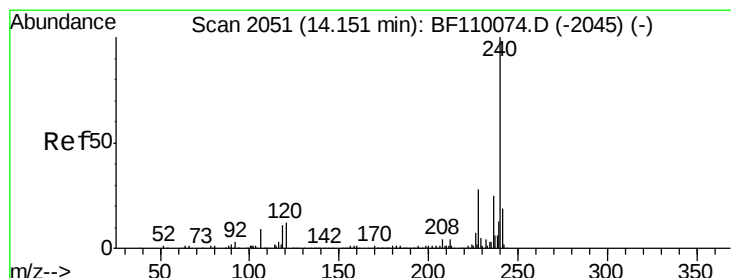
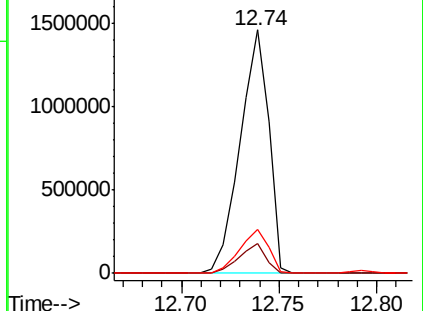
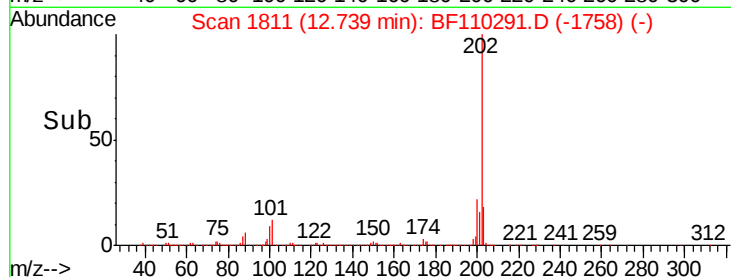
203 18.0 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

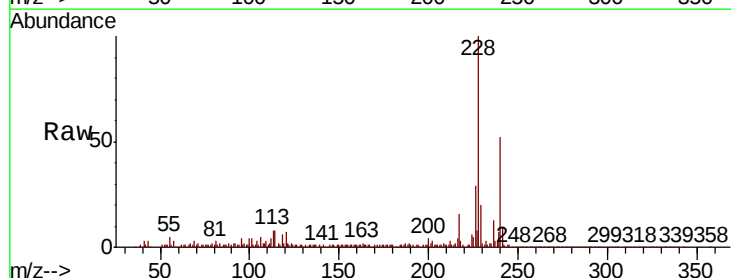
Tgt Ion:240 Resp: 169870

Ion Ratio Lower Upper

240 100

120 12.9 8.3 12.5#

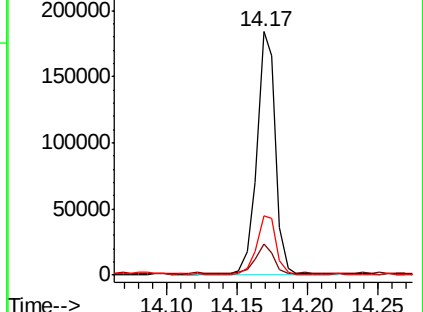
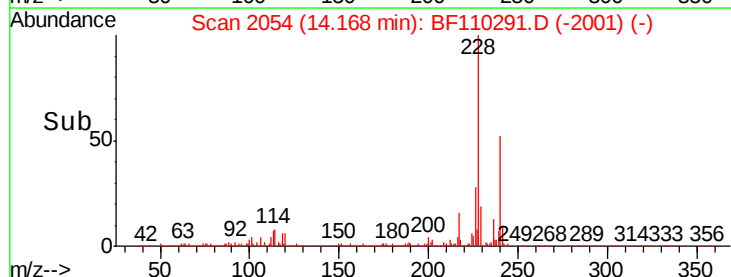
236 24.4 21.2 31.8

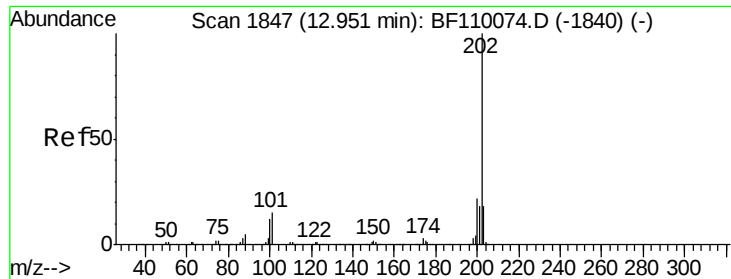


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

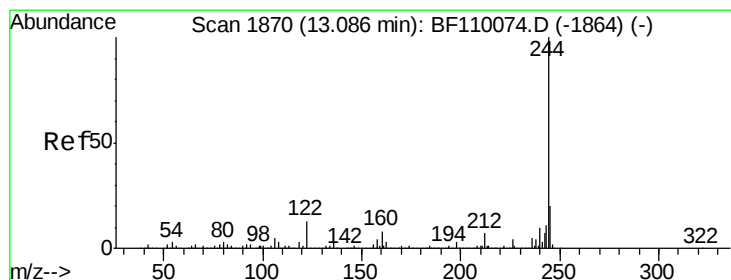
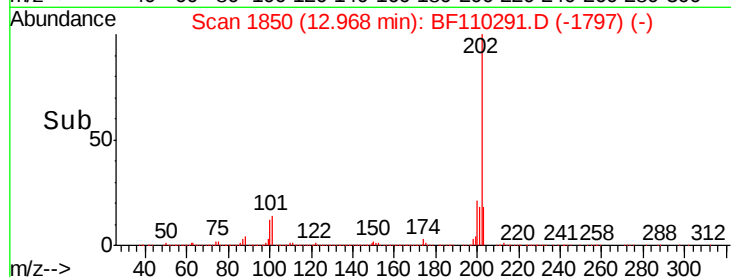
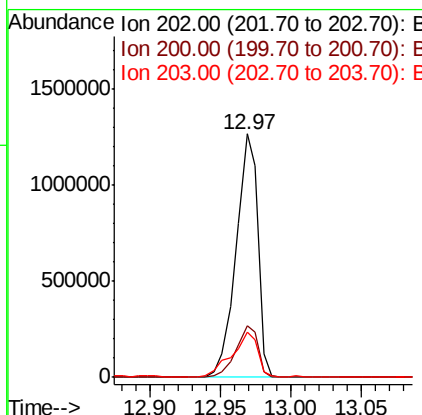
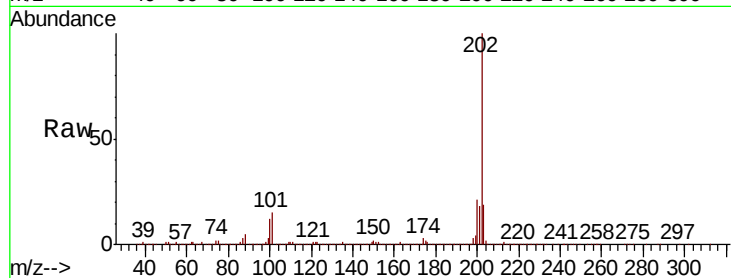




#78
Pvrene
Concen: 111.115 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

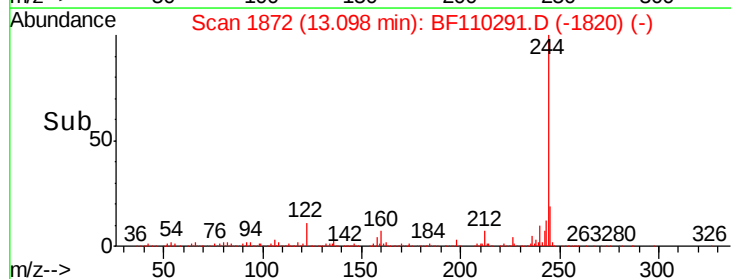
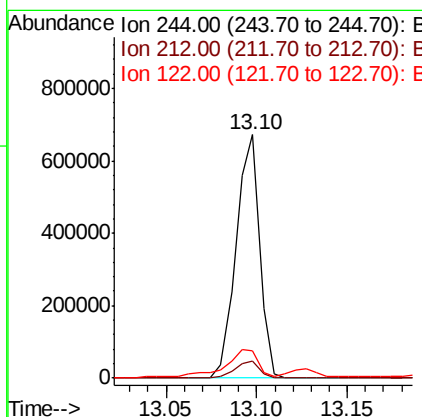
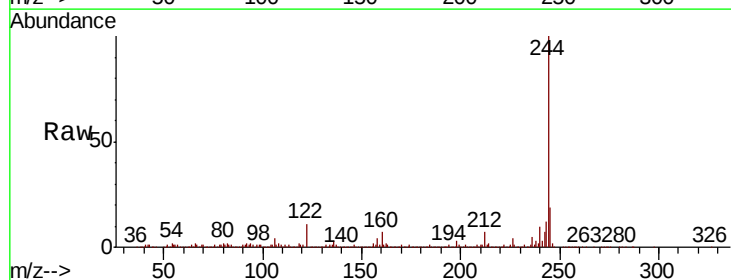
Instrument :
BNA_F
ClientSampleId :

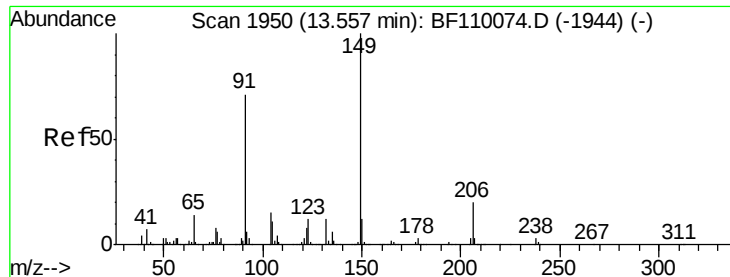
Tot Ion:202 Resp: 1353183
Ion Ratio Lower Upper
202 100
200 21.3 17.8 26.6
203 18.5 14.2 21.4



#79
Terphenyl-d14
Concen: 73.943 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Tgt Ion:244 Resp: 603966
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 11.1 8.7 13.1

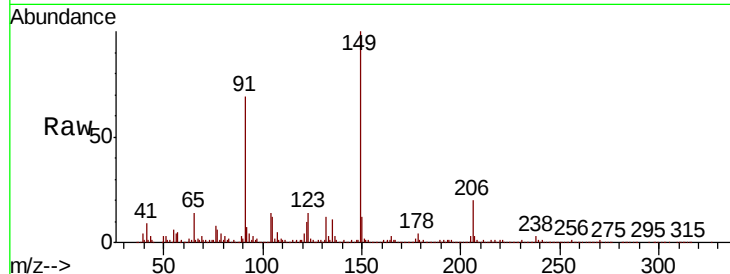




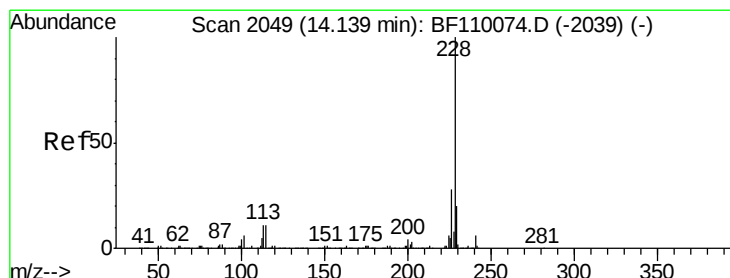
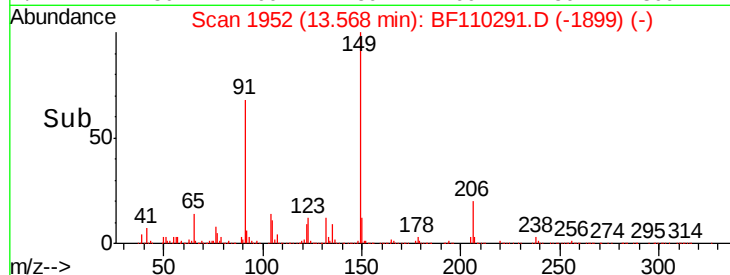
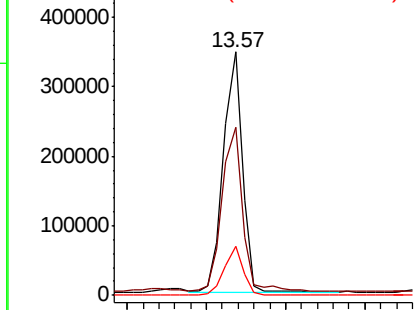
#80
 Butylbenzylphthalate
 Concen: 54.745 ng
 RT: 13.57 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.9	57.2	85.8
206	20.2	15.7	23.5

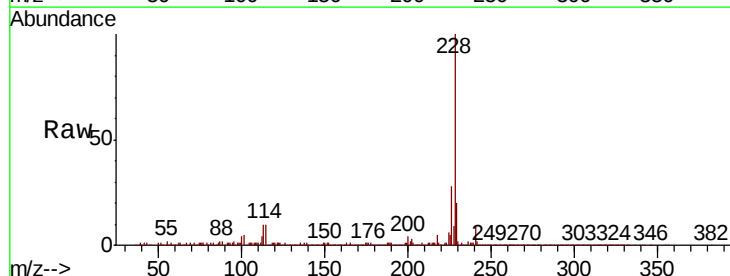


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

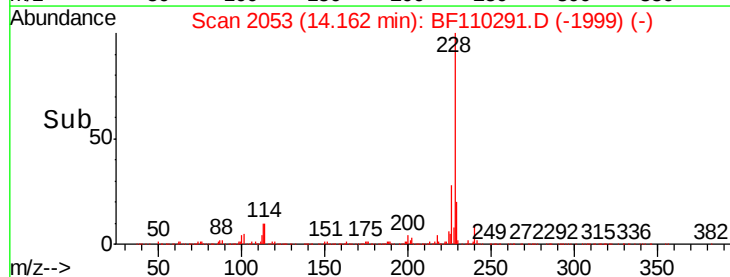
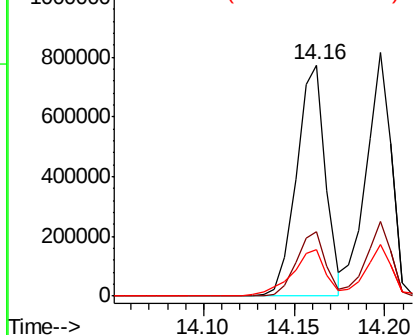


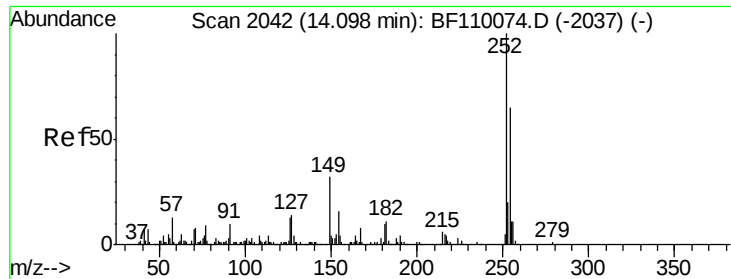
#81
 Benzo(a)anthracene
 Concen: 86.254 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. 0.02 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.1	33.1
229	20.2	15.6	23.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

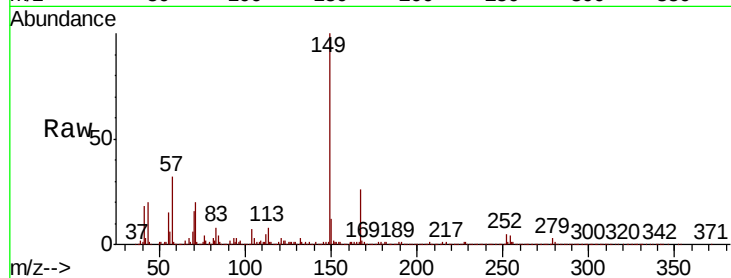




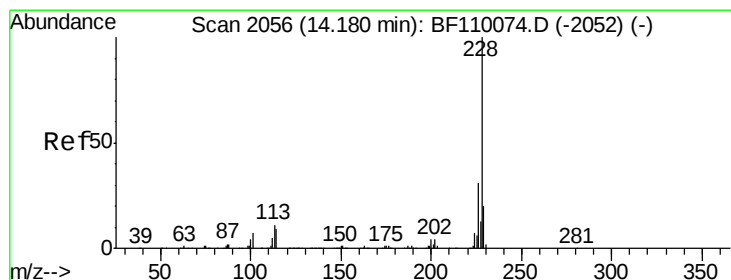
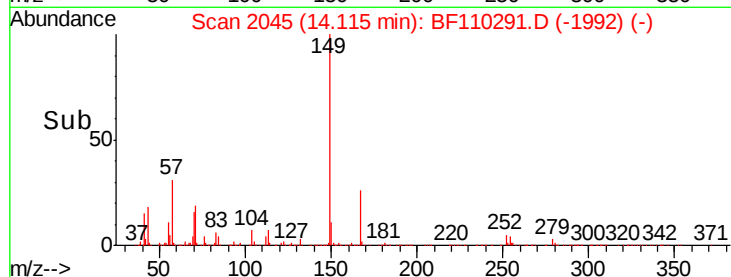
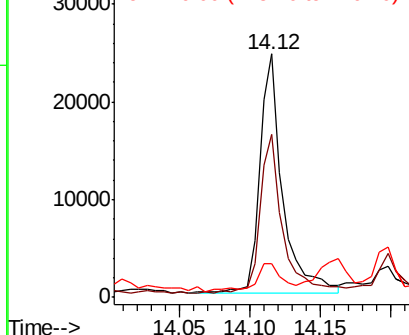
#82
 3,3'-Dichlorobenzidine
 Concen: 7.878 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.01 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 27635
 Ion Ratio Lower Upper
 252 100
 254 67.1 51.3 76.9
 126 13.7 9.4 14.2

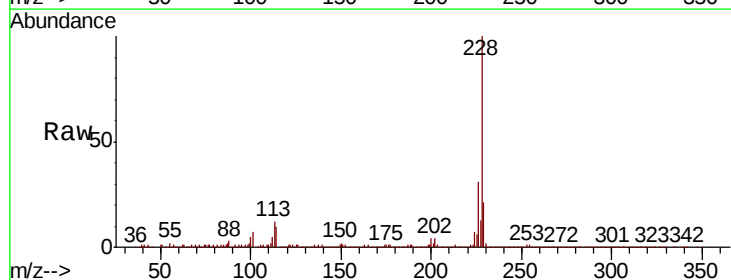


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

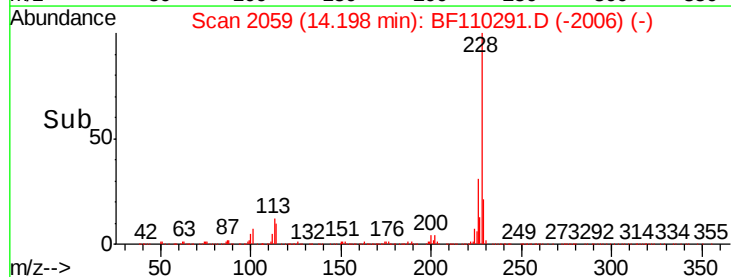
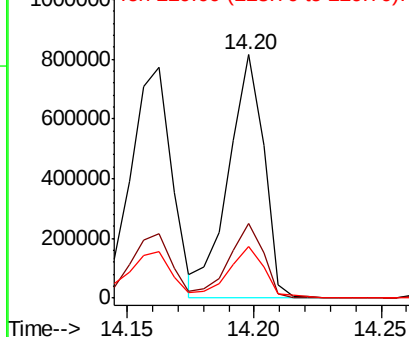


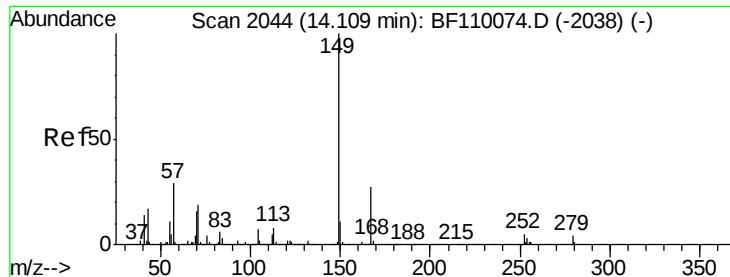
#83
 Chrysene
 Concen: 82.175 ng
 RT: 14.20 min Scan# 2059
 Delta R.T. 0.01 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

Tgt Ion:228 Resp: 786246
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.7 37.1
 229 21.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 61.287 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampleId :

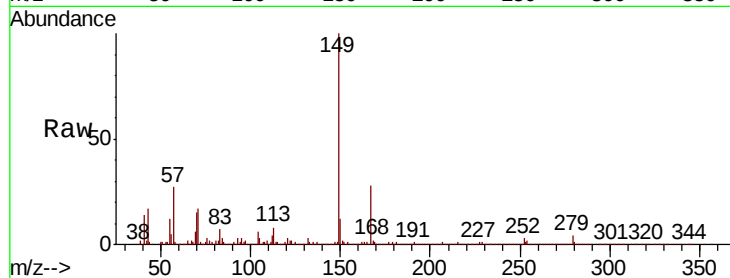
Tot Ion:149 Resp: 437922

Ion Ratio Lower Upper

149 100

167 27.7 19.8 29.8

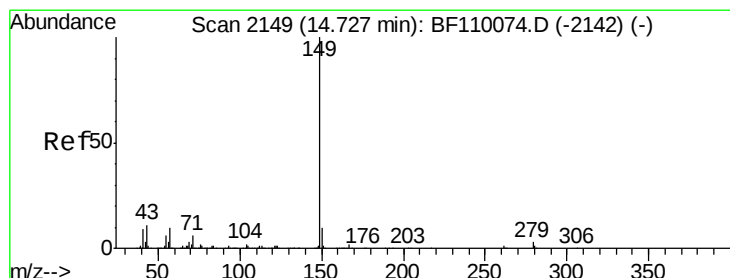
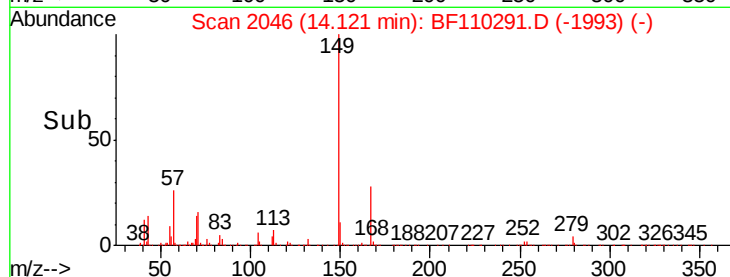
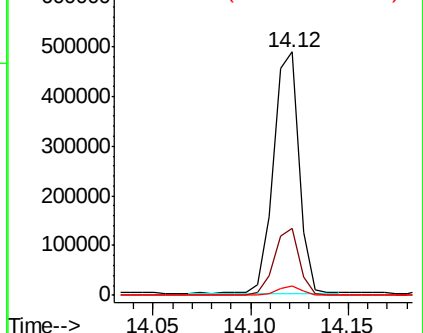
279 4.1 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 56.745 ng

RT: 14.74 min Scan# 2151

Delta R.T. 0.01 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

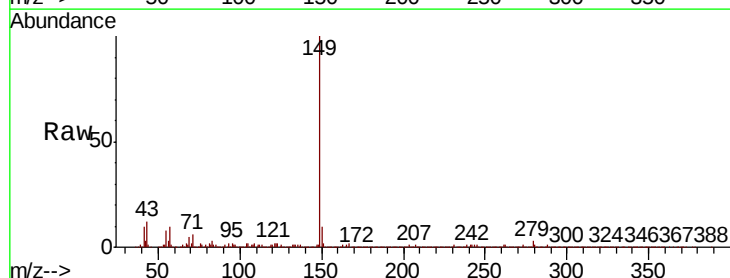
Tgt Ion:149 Resp: 630468

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

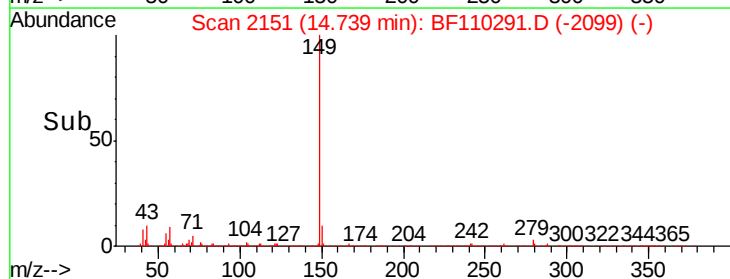
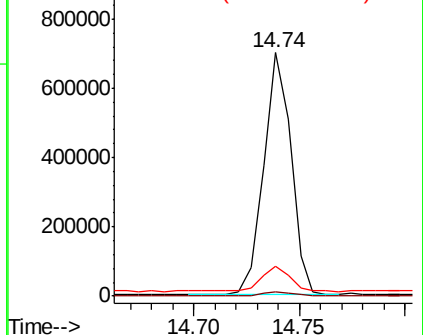
43 10.5 7.8 11.8

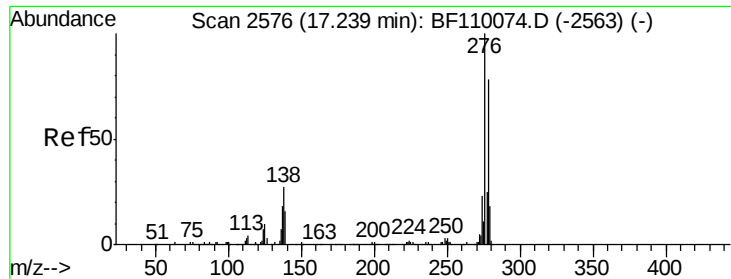


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

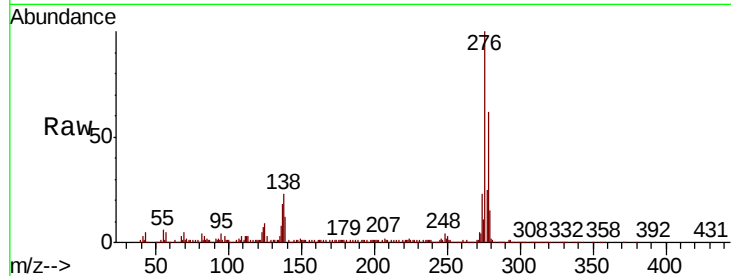




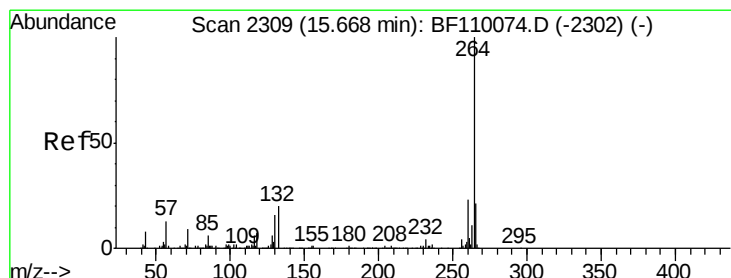
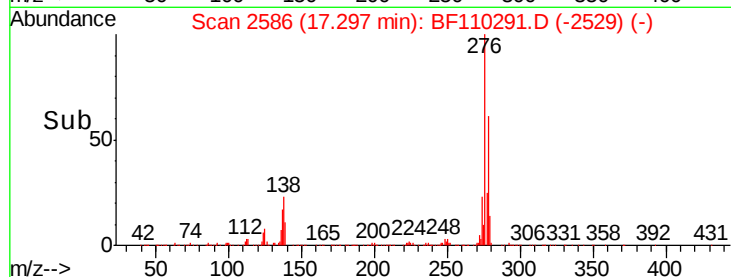
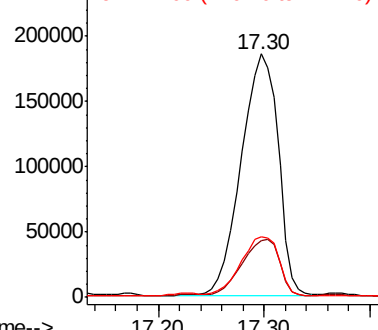
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 56.737 ng
 RT: 17.30 min Scan# 2586
 Delta R.T. 0.04 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.5	27.7
277	25.5	20.0	30.0

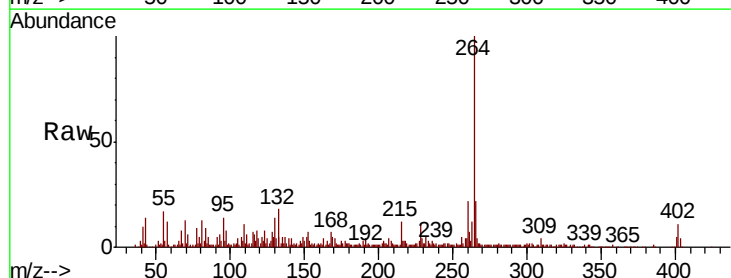


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

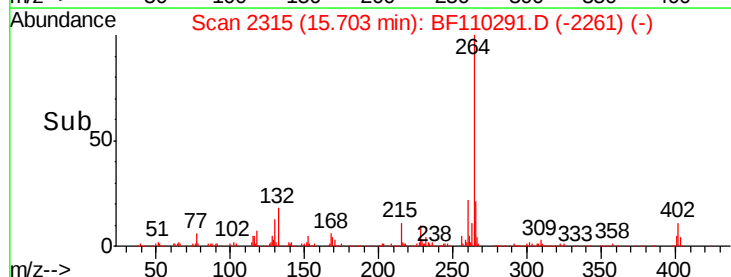
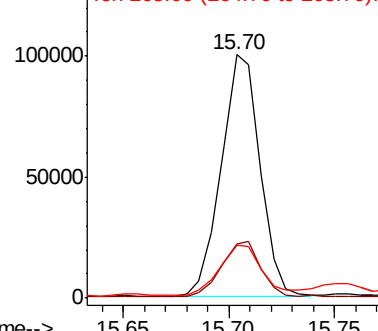


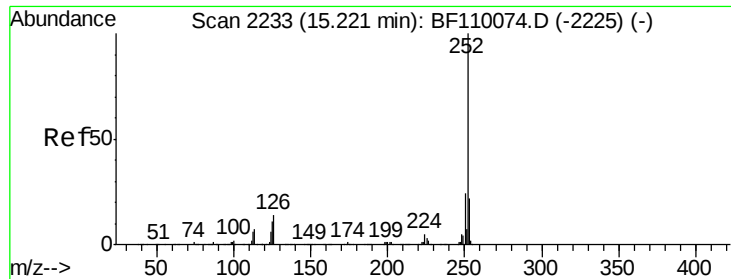
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. 0.02 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	21.6	16.7	25.1



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

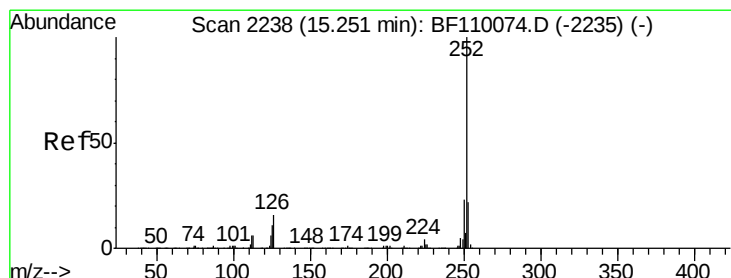
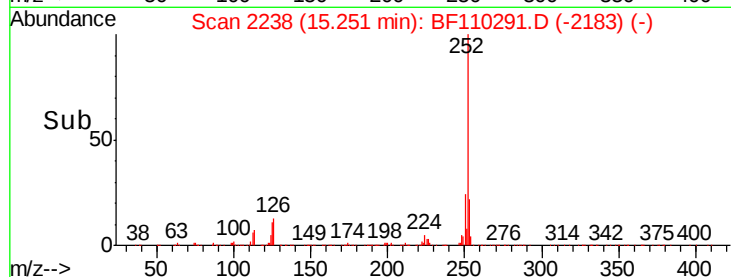
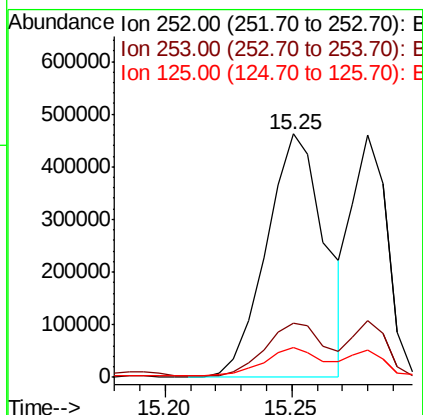
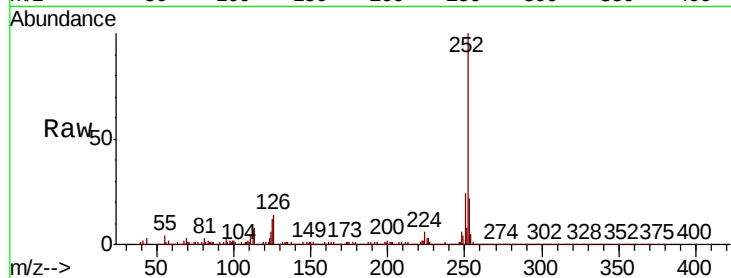




#88
Benzo(b)fluoranthene
Concen: 100.109 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.02 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

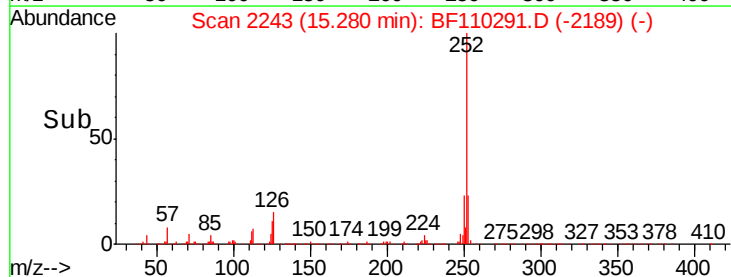
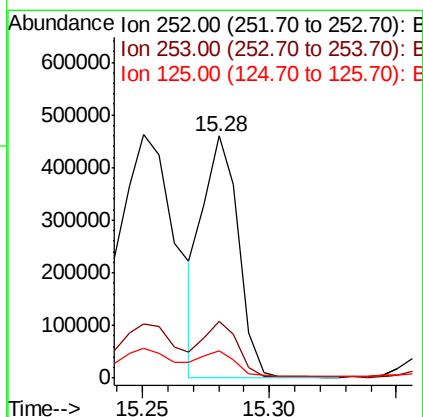
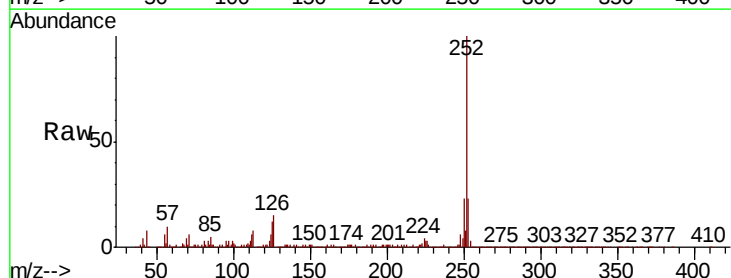
Instrument :
BNA_F
ClientSampleId :

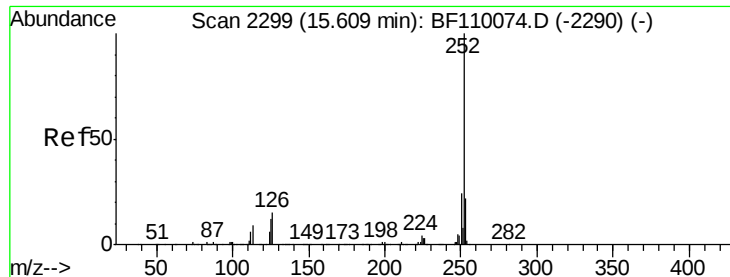
Tot Ion:252 Resp: 742499
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 12.0 8.2 12.4



#89
Benzo(k)fluoranthene
Concen: 60.768 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.02 min
Lab File: BF110291.D
Acq: 30 Oct 2018 4:30

Tgt Ion:252 Resp: 443089
Ion Ratio Lower Upper
252 100
253 23.4 17.2 25.8
125 11.5 7.4 11.0#





#90

Benzo(a)pyrene

Concen: 80.228 ng

RT: 15.64 min Scan# 2305

Delta R.T. 0.02 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

Instrument :

BNA_F

ClientSampleId :

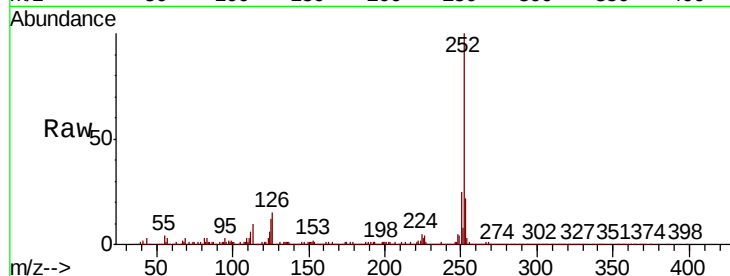
Tot Ion:252 Resp: 547534

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.4

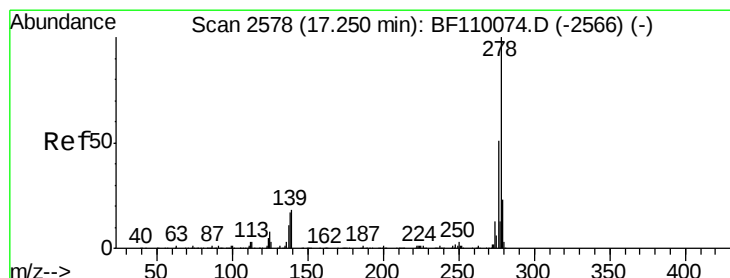
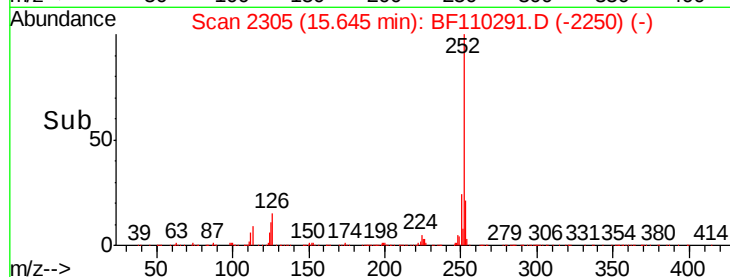
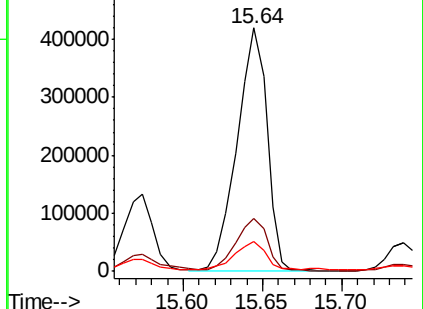
125 12.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 50.996 ng

RT: 17.31 min Scan# 2588

Delta R.T. 0.04 min

Lab File: BF110291.D

Acq: 30 Oct 2018 4:30

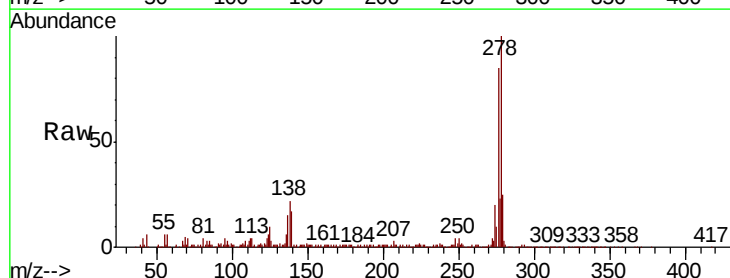
Tgt Ion:278 Resp: 300303

Ion Ratio Lower Upper

278 100

139 16.9 12.7 19.1

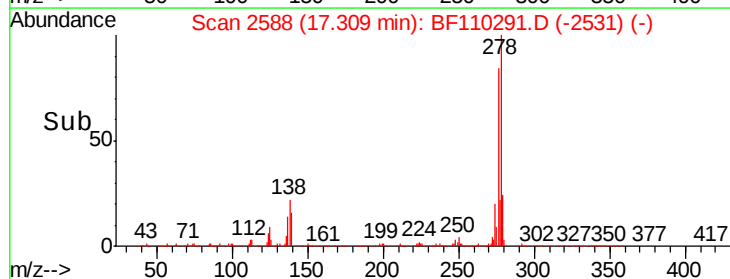
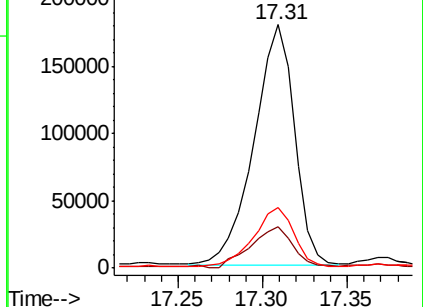
279 25.0 19.0 28.4

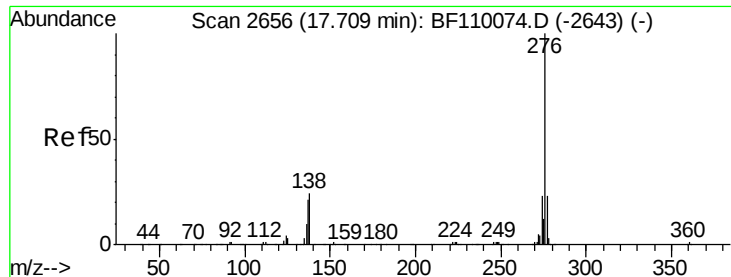


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 66.520 ng
 RT: 17.79 min Scan# 2669
 Delta R.T. 0.05 min
 Lab File: BF110291.D
 Acq: 30 Oct 2018 4:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	20.4	16.0	24.0

